




- 2009



radne karting



Dear customer,

Radne Motor is happy to present our catalogue for the year 2009. For our international customers the catalogue is the most important link between you and us. So we try to present the total width of our product program, engines for karting, aero engines, kart chassis, tyres and accessories. It is not easy, and for that reason the catalogue comes in two versions. The one you now hold in your hands is the paper version, which is published at the beginning of every year. We think that it is especially suitable when you plan your coming racing season or to give you a total overview of the aero engines and accessories that we can offer you. The other catalogue is the one you find on the web, under the address www.radne.se. The electronic catalogue is always updated with the latest products and prices, and is indispensable when you want to order parts from us via our webshop.

Our products are sold world-wide. We have distributors in more than thirty countries. If you don't know whom to contact in your country, just mail or call us and we can direct you to your nearest Radne distributor.

Take a close look at our engines – Raket and Rotax for kart use and Raket Aero for our flyers. For all engines you will find technical details and also a presentation of the accessories that we have picked for every particular engine.

When you buy directly from Radne Motor, we try to deliver the same day or as soon as all paperwork is in order. We ship by air and by truck every day, and we can advise you on the fastest way for any particular shipment.

There is one thing that we at Radne and our distributors deliver a lot of, but that you don't find in our catalogues. It is the knowledge and the experience of every aspect of karting and engines for aero use that we have gained over the more than forty years we have been in business. This is part of every shipment. Our own products are always well tested on the kart track or in the air before they are put into production.

The products that we are distributors for have also been tested by us and found OK before we put them into our catalogue. When you buy engines, chassis, tyres and accessories from Radne Motor we have done everything we can do to make you satisfied with your purchase.

I wish you good luck on the kart race tracks or in the air – with products from Radne Motor.



Leif Radne

4 engines



chassis 20

46 equipment



body parts 60

74 data logging



tyres & rims 84

102

chassis parts



engine parts 116

120

carburetors

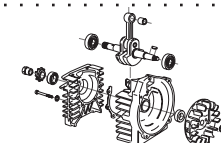


oil & chemicals

125

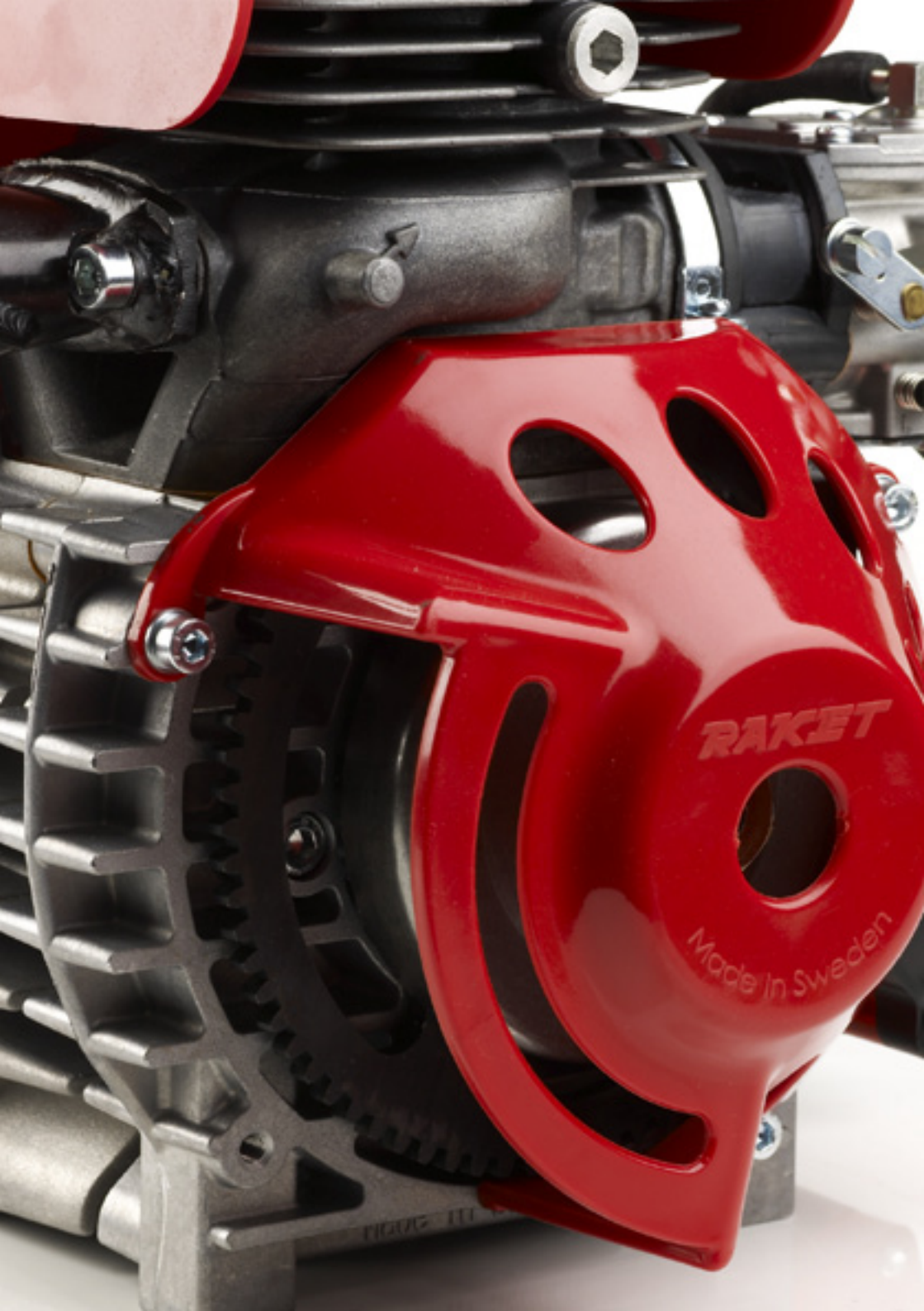
134

tools



drawings

140



RAKET *engines*

Radne Motor AB has for more than 30 years produced engines for karting, which is very unique in northern Europe. During the late 90's we started with a serial production of engines for ultra-light aircrafts, snowscooters and paragliders.

Radne Motor AB was one of the first racing engine producers that delivered engines equipped with catalytic converter.

The engines are made using latest CNC machinery for highest precision and quality.

The production is located in Haninge, just outside Stockholm.



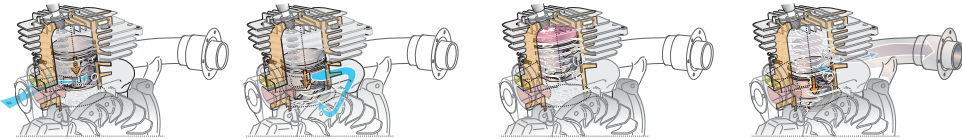


RAKET95 DUALCHARGE RENT-A-KART ENGINE

Raket 95 DualCharge Rent-a-Kart
Raket engines is used on tracks that wants to offer their customer a two-stroke experience. Raket 95 has also up to 70% less emissions than a conventional two stroke engine. The engine can be operated on Alkylate fuel with very low oil mixture. Engine is delivered fully complete with box exhaust and carburettor .

35001-3

RAKET95 - the secrets.... DUALCHARGE



Raket 95 DualCharge uses a patented technique that reduces emissions of dangerous gases up to 70% and it also reduces the fuel consumption significantly-

The technique uses clean air to flush the engine from exhausts gases in difference from a conventional two stroke engine that uses and air/fuel mixture. The clean air is transported in the crank case through two channels in the piston that is open when the piston passes the inlet.



RAKET95 DUALCHARGE

Raket 95 DualCharge is our latest development in our Raket family of engines. Raket 95 uses patented DualCharge technology the outputs up to 70% less emissions than a conventional two-stroke engine. Raket 95 is developed as a replacement for the Raket 85 series of engines and it has about the same characteristics as the 85 cc engine. The engine has the same high quality and service intervals that is up to 10 better than other engine in this category.

The engine is delivered with:

- Exhaust system
- Carburetor
- Battery
- Battery support
- Charger
- Start box
- Cables
- Owner's manual
- Spark plug wrench
- Throttle cable

35001-2





The Swedish Automobilsport Federation together with Radne Motor AB / Raket Engines is conducting a massive campaign in Sweden 2009 to increase the number of karting drivers in Sweden.

There are two custom built trailers that is equipped with 12 complete karts all karts with Raket 60 engines. The Trailer will go from track to track the whole season to promote the sport on a local club level. Kids between 7-9 years old are invited to try karting free of charge.

The tour will start in the south of Sweden in mars/april and will slowly move through Sweden over the season.

Visit www.kartingontour.se for more information in Swedish

Please contact us and discuss how we can help to promote the sport for young drivers in your country



RAKET 60

Raket 60 is especially developed for the Cadet classes, and can easily be adjusted to the different regulations for each country. The engines is known for its reliability and is highly suitable for Cadet classes in age range 5-10 years old drivers.

It is available both with or without rpm restrictor for the Scandinavian market.

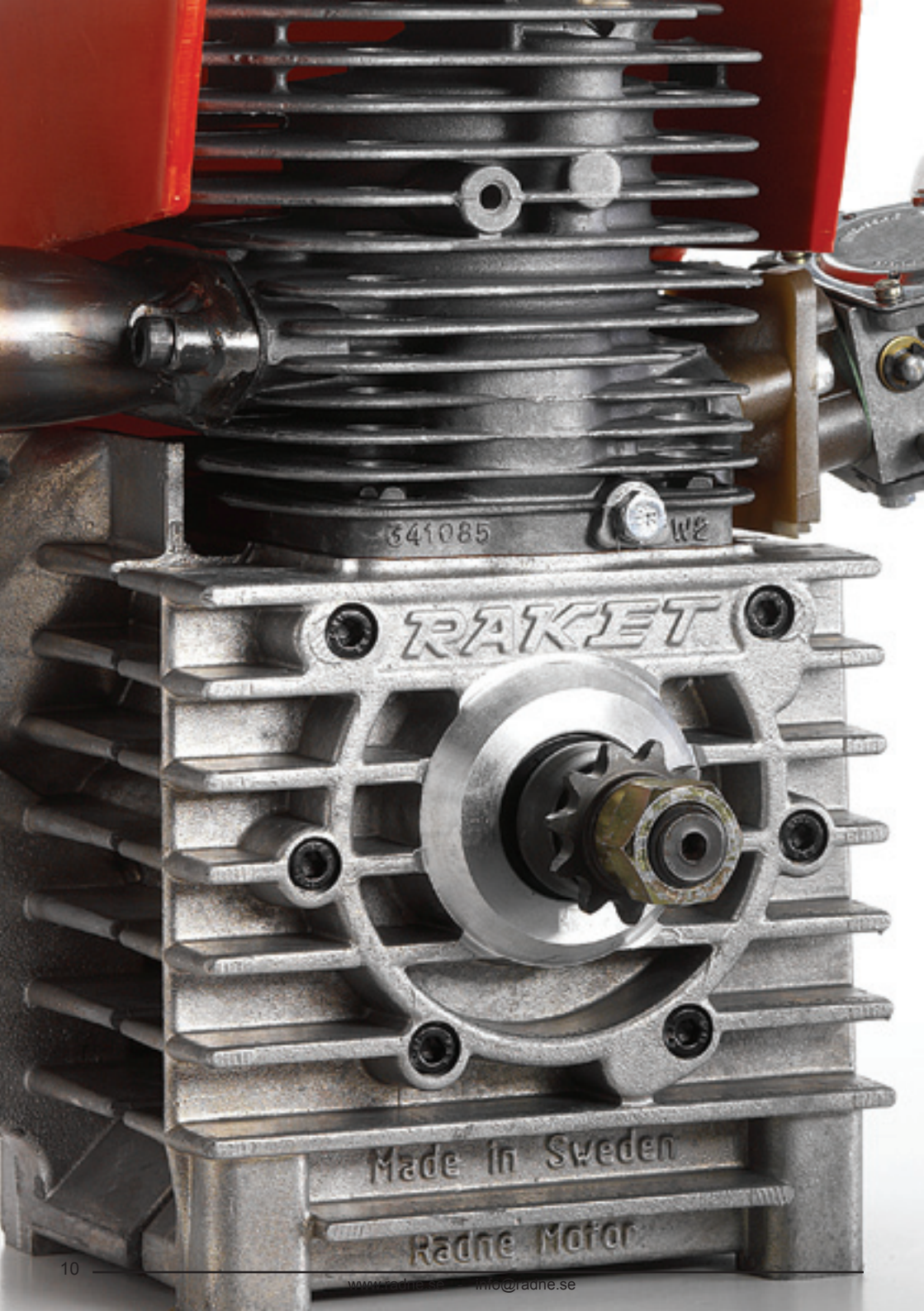
The exhaust has a built in catalytic converter that reduces the emissions to a much lower level.

The engine is delivered complete with clutch, ropestartm silenser and carburettor

3002.....

Raket 60

capacity	61,4 cc
stroke	34 mm
bore	48 mm
ignition	FHP transistor
power	5 kw at 9500 rpm
max rpm	15000 rpm
weight	5 kgs



RAKET 85

Raket 85 is the classic version in the Raket family. With its high power and long-life construction it has become one of the most popular engines in the world for the young drivers. Can be delivered with catalytic converter.



Raket 85 Standard

3001.....

Raket 85 Mini with catalytic converter

3001-2.....

Raket 85

capacity	84,9 cc
stroke	40 mm
bore	52 mm
ignition	FHP transistor
power	8 kw at 9000 rpm
max rpm	13 000 rpm
weight	6 kgs

RAKET 85

Raket 85 is the classic version in the Raket family. With its high power and long-life construction it has become one of the most popular engines in the world for the young drivers. Delivered complete with catalytic converter.

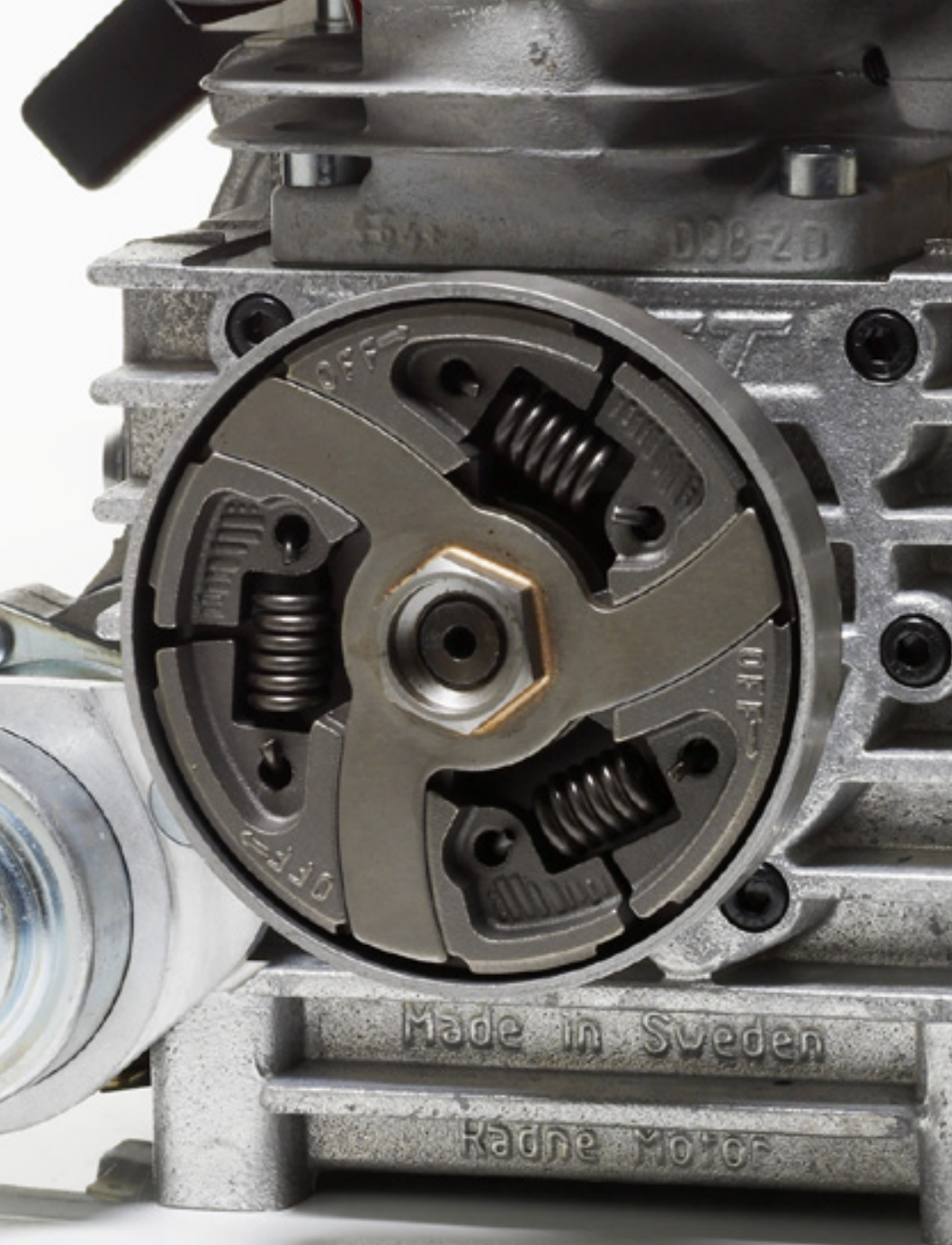
Raket 85 Micro with catalytic converter

3001-1.....

Raket 85 Micro

capacity	84,9 cc
stroke	40 mm
bore	52 mm
ignition	FHP transistor
power	8 kw at 9000 rpm
max rpm	13 000 rpm
weight	6 kgs





RAKET 120 Racing ES

Raket 120 Racing ES

This model is suitable for racing and advanced rent-a-kart. The engine has a built-in electric start, and fits on all types of karts.

The engine is delivered complete with:

- carburettor
- silencer
- exhaust system
- battery
- cables

3201-2

Raket 120

capacity	118,8 cc
stroke	42 mm
bore	60 mm
power	10,5 kw at 9000 rpm
max rpm	13000 rpm
weight	6,8 kgs

RAKET 120 Aero / Racing

The Raket 120 Aero has become the most popular choice for paramotors and hanggliders. The Raket 120 combines its high power with extreme low weight (6,8 kg).

This model is equipped with an easy to use magnapull start and clutch.

It has a decompression valve that ease up the start procedure.

We deliver the engine with a clutch drum with an axle so you can fit it to your drive system or you can add belt drive or chain drive.

It is delivered complete with:

- exhaust system
- carburettor
- clutch
- user manual

3201 Aero.....

3201-1 Racing



Raket 120 Aero ES-RD complete engine with a built-in reduction drive. Raket 120 ES-RD is developed for paramotors and hanggliders. It is prepared for propeller mounting.

The engine has an integrated electrical start and the engine starts with a simple click on the start button. The weight of the engine complete with reduction drive is only 8,1 kg (without battery and exhaust)

The engine is delivered complete with carburettor, exhaust system, reduction drive and user manual.
3201-4

The Raket 120 Aero has become the most popular choice for paramotors and hanggliders. The Raket 120 combines its high power with extreme low weight.

The engine has an integrated electric start. The weight of the engine is only 6,8 kg (without battery). We deliver the engine with a clutch drum with an 25 mm axle so you can fit it to your drive system or you can add on belt drive or chain drive.

The engine is delivered complete with:

- standard exhaust system
- carburettor
- clutch
- user manual

3201-3

Raket 120

capacity	118,8 cc
stroke	42 mm
bore	60 mm
power	10,5 kw at 9000 rpm
max rpm	13000 rpm
weight	6,8 kgs

Raket 120 Dual Start is an engine with both built-in electricstart and the new Raket magnapull start system.

We deliver the engine with a clutch drum with a 25 mm axle so you can fit it to your drive system or you can add on belt drive or chain drive.

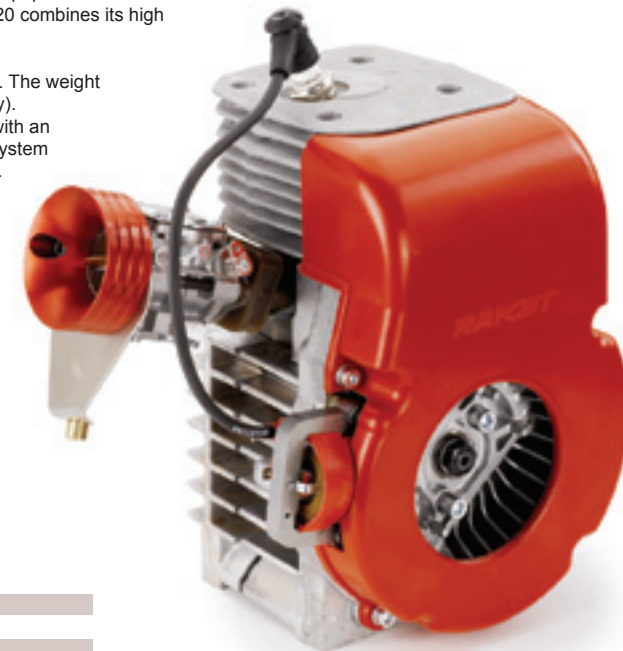
The engine is delivered complete with:

- standard exhaust system
- carburettor
- clutch
- user manual

3201-6

Reduction gear for Raket 120 complete reduction gear for your Raket 120 engine. Very simple to mount on your existing Raket 120 engine.

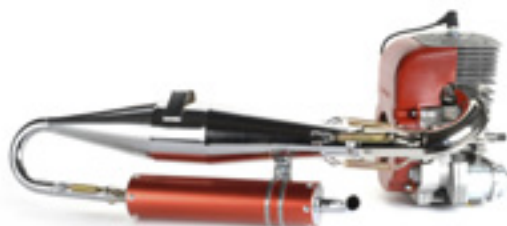
32400 Ratio 1:3.....
32400-1 Ratio 1:3,3.....
32400-2 Ratio 1:4.....
32400-3 Ratio 1:3,6.....



Silencer with catalytic converter for all Raket models
3012-1
Silencer standard karting
3012.....



Catalytic converter inside a Raket silenser



Silencer with MTE Hanglider
3012-4.....



Silencer MTE-R Paramotor
3012-7



Silencer MTE-T Paramotor
3012-5



350121 **Isolation mat Raket 95**
350122 **Inner tube Raket 95**



Silencer Raket Mini with catalytic converter
3012-1
Silencer Raket standard
3012.....



Silencer support universal
1550.....



Support for Silencer fit MTE 3012-7
32101.....



Exhaust system complete for Raket 95
3012-9



Exhaust bend for Raket 85
3132.....



Silencer Micro with catalytic converter for Raket 85
3140-1
Silencer boxtype for Raket 85
3140.....



Silencer Raket 60 with catalytic converter
4140-1



Startbox for Raket engines with electric start

The battery cells are well protected in the padded aluminium box.

It suitable both for Raket 95 and Raket 120 with electric start
Contains 12 NiMH high quality cells that gives 3.0 A and 14,4 VV
It will start a Raket engine up to 70 times when fully loaded.

Start button
Fuse
1 m cable with quick connection

35510.....



Support for Raket start box, stain-
less steel. Delivered complete with
support and rubber band
35515.....



Battery charger for NiMH batterier, speci-
ally made for the Raket startbox.
Intellegent charger that safely charges the
battery. LED light indicator.

35520.....

Raket Pixie-cap

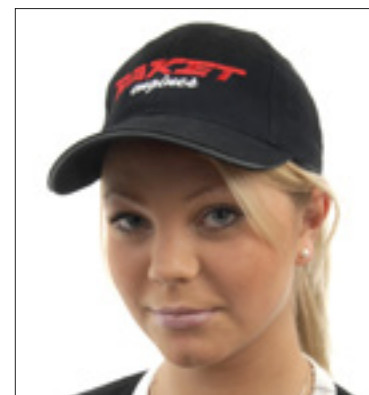
4940.....

Raket T-Shirt black, 100% cotton

4937.....

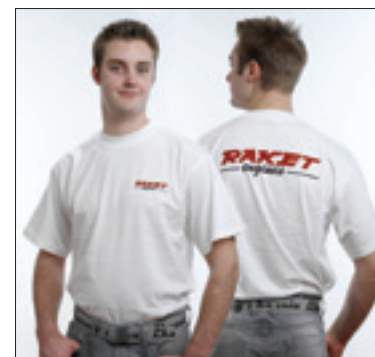
Raket Fleece jacket

4939.....



Raket Cap

49402.....



Raket T-shirt, 100% cotton

4941.....



Puffo 2009 a kart for children between 3-6 years in black CRG Racing Design. Top speed up to 40 km/h. Easy to start even for a five year old kid. The Puffo comes complete with sidepods and frontspoiler. Complete with 38 cc t-stroke engine and tyres. 13012.....

CRG Puffo

wheelbase	500 mm
width	800 mm
rearaxle	25 mm
tubes	25 mm
brakes	mechanical
tank	1 liter



CRG RMC-09 is especially developed for the youngest drivers, it is built with the same care as all the chassis from CRG. It is equipped with a hydraulic brake system. Black eloxated aluminium parts. It is delivered complete with all plastic details, sticker kit and Vega Cadetti tyres

13004 CRG RMC-09 excl. engine.....
130041 CRG RMC-09 complete

CRG RMC-09 complete kart:

- Raket 60 engine
- Vega Cadetti
- Chain, Sprocket
- Stickerkit

Facts CRG RMC-09

Wheelbase	850 mm
Width	900 mm
Rearaxle	30 mm tube
Tube	28 mm
Color	Black
Brake	Hydraulic
Tank	3 liter

Swedish Cadetti class

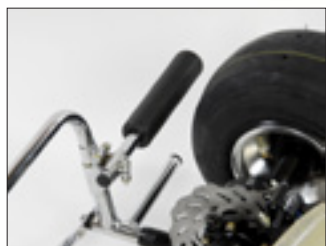
Min. age	7 year
Min. weight	80 kg
Engine	Raket 60



RAKET 60

Raket 60 is especially developed for the Cadet classes, and can easily be adjusted to the different regulations for each country. It is available both with or without rev restrictor for the Scandinavian market.

Raket 60 complete with catalytic converter
3002.....



CRG RMC-09 is equipped with rear protection bumper



Facts CRG RM-09

Wheel base	1010 mm
Width	900 mm
Rear axle	40 mm tube
Tube	28 mm
Color	Black
Brake	Hydraulic
Tank	8 liter



CRG RM-09

Is the most popular mini-kart on the market. The CRG RM-09 is equipped with 40 mm rear axle enabling better stability and balance of the kart. The kart is equipped with:

- 4 piston brake caliper,
- 40 mm rear axle
- 8 litre fuel tank
- adjustable camber and caster,
- possibility to raise and lower the front and rear,
- adjustable stabilisation bar for front and rear

CRG RM-09 is equipped with:

- 4-piston brake caliper, self adjusting
- 40 mm rear axle
- 8 liters fuel tank
- adjustable camber and caster
- adjustable height both in front and rear
- adjustable stabilizing tubes in front and rear
- black CRG Racing design

Delivered with: frontspoiler, front panel, sticker kit, wheels and Bridgestone YJL tyres.

13005	CRG RM excl engine
130051	CRG RM complete Micro
130052	CRG RM complete Mini
130052	CRG RM complete Raket 95.....



RAKET 85

Raket Engine Family

High quality, easy to maintain and low cost. Raket engines are the best choice for Minikart racing

3001-1	Micro
3001-2	Mini
35001-2	Raket 95.....





CRG Kalifornia -09

The ultimate Rotax Max Challenge kart, based on the classic CRG winning chassis Kalifornia.

The chassis has everything you can wish for. You can change many different settings so that you can get the most out of your kart to fit your driving.

Kalifornia has individually adjustable caster/camber angles in front. Can be lowered and elevated in both front and rear.

Delivered complete with all bodywork and sticker kit. Engine and tyres are not included.

Facts: Kalifornia	
Wheelbase	1040 mm
Width	1040 mm
Rearaxle	50 mm
Tube	32 mm
Color	Black
Brake	Hydraulic
Tank	9 Liter

- 13001 CRG Kalifornia -09
- 13001 CRG Kalifornia -09 Complete Rotax Max.....
- 13001 CRG Kalifornia -09 Complete Rotax Max Junior



CRG Black Star -09

The chassi is from the black racing serie with many details black eloxated with laser engraved logos.
Black Star has a 4-piston caliper and twin master cylinders for maximum security.
Two or four wheel brakes.
Equipped with 50 mm axle as standard and 9 liter removable fuel tank.
The chassi is delivered with the new bodywork. The chassi can be lowered or elevated both in front and rear and it has adjustable camber and caster angles in front.

The Black Star is homologated in ICAJ, ICA, FA, ICC and FC.

Delivered complete with all plastic details and sticker kit without tyres and engine.

Fakta: Black Star

Wheelbase	1040 mm
Width	1040 mm
Rearaxle	50 mm
Tube	30 mm
Color	Black
Brake	Hydraulic
Tank	9 Liter

- 13008-1 CRG Black Star 2-wheel brake.....
- 13008-4 CRG Black Star 2-wheel brake compl Rotax Max Junior....
- 13008-2 CRG Black Star 2-wheel brake compl Rotax Max.....
- 13008 CRG Black Star 4-wheel brake.....
- 13008-5 CRG Black Star 4-wheel brake compl Rotax Max Junior....
- 13008-3 CRG Black Star 4-wheel brake compl Rotax Max.....
- 13014 CRG Black Star 4-compl for KZ2.....

CRG Black Star 09 has the new brakesystem with the high performance brake discs both in front and rear.





CRG Dark Rider DD2

A specially designed kart for Rotax DD2 class. The rear axle is integrated with the engine and makes it clean as you don't need any chain spray. 33bhp, 2-gears with paddle shifters on the steering wheel. 4-wheel brakes make this kart to a completely new experience.

13017.....



The unique Rotax DD2 engine without chain and engine sprocket. The rear axle goes through the engine. No chain-spray that will make the kart dirty. Rotax gives 6 months of warranty, which is unique for a racing engine.



You easily shift gears with paddles on the steering wheel. You shift gears without using clutch.



Rigid and tested 4-wheel brakes



Double master cylinder with adjustable brake distribution



Rotax FR125 Max 125 cc engine which is suitable for racing and hobby drivers. The 2009 model has a completely new cylinder with CNC machined ports to have a more equal tolerances. There is also a new clutch with much higher quality than before.

The engine is standard equipped with electrical start, clutch and water cooling. The engine has a balance axle to prevent vibrations.

The engine is delivered with:

- Carburattor
- Exhaust system
- Battery
- Cables
- Inlet silencer
- Manual

64011	Rotax 125 Junior Max
64010	Rotax 125 Max

Fakta:	FR-125 Max
Enginetype	1 cyl, 2-takt
Cooling	vatten
Cylindervolume	124,8 cc
Max rpm	14 500 rpm
Power	21 kw
Starter	El-start
Carburetor	Dell'orto 34





Retro fit kit for the new Rotax Max clutch that replaces the old clutch. Complete with balance gear sprockets

7423	Complete kit.....
7421	Clutch drum.....
7419	Clutch.....
7420	Balance gear steel.....
7118	Start gear.....



Engines sprockets

7410-3	11 T.....
7410-1	12 T.....
7410	13 T.....
7410-2	14 T.....
7410-4	15 T.....
7410-5	16 T.....

Piston Rotax Max

7316-1	53.97.....
7316-2	53.98.....
7316-3	53.99.....
7316-4	54.00.....

Fuel pump Mikuni for Rotax MAX

7043.....	
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Gasket repair kit for Mikuni petrol pump

7043.....	
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Batteri Fiamm 12 V 7.2 AH

7813.....	
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Mounting tool for exhaust valve spring

50630.....	
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Fixation tool for sprocket for 11 - 16 teeth

7822.....	
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Fixation tool for sprocket

7822.....	
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Battery for Rotax Max Longlife, 12 V

7820.....	
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Battery charger for Rotax Max.

7817.....	
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Clutch extractor for the new Rotax Max -09 clutch

50701.....	
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Blocking tool for piston

7824.....	
-----------	--



Fixation tool to lock the starter gear when you remove the clutch on a Rotax Max

7823.....	
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ROTAX



MAX
CHALLENGE

GRAND FINALS



The 2008 Rotax Grand Finals faced three Swedish entries, 2 seniors and 1 junior that stood out well in the hard competition of 216 drivers from 57 countries.

The seniors ended up 6th and 8th. And with the junior at 15th place it was a really successful 9th edition of the Rotax Grand Finals for the Swedish team.

These results show that the Swedes are competitive enough to be fighting for the world title.

Who will be the ones to represent Sweden and Radne Motor for 2009?

Visit our website for more information about Grand Finals and Rotax products

ROTAX



MAX
CHALLENGE

GRAND FINALS



i

The Swedish Rotax Max Challenge series will this year be 8 races and the results are calculated out of 7 races.

First prize is to be invited to the Rotax Max Grand Finals at the Sharm El Sheikh track in Egypt.

Flight, hotel, chassi, engine, tyres and tools are fully paid by Rotax

Simple rules

Engine: Rotax FR 125 Max / Junior, all brands of chassis

Tyres: Mojo

Age: 15 year in senior / 13 years in Junior

Race Calender Rotax Max Challenge 2009

4 april Klippan, Klippan Cup

25-26 april Järfälla, Stockholm Race Weekend

10 may Jönköping, SKCC

13-14 june Rättvik, MKR

11-12 july Kalmar, Semesterracet

1-2 august Skellefteå, Norrlandscupen

27 september, Västerås

3-4 october Linköping, Sverige Cupen





Fleecejacket BRP-Rotax lined fleece jacket with zipper, windproof material. Two side pockets, breast pocket and drawstring at waist and neck.
 Sizes XS, S, M, L, XL, XXL, XXXL
 7850 Fleecejacket
 7910 Cap with embroidery



Byxa BRP-Rotax that you can turn to shorts. Lots of pockets. Rotax embroidery
 Sizes S, M, L, XL, XXL
 7924.....



Wind jacket BRP-Rotax with zipper, two sidepockets. Drawstring in waist.
 Size XS, S, M, L, XL, XXL, XXXL
 7915.....



7921 Piké t-shirt with embroidery white.....
 7921 Piké t-shirt with embroidery svart
 7921 Piké t-shirt with embroidery red
 7921 Piké t-shirt with embroidery black/red

*All shirts are available in sizes:
 XS-XXL*



Umbrella Rotax, high quality efficient protection against both rain and sun. 120 cm diameter.
 7850.....

Bag Rotax, large bag with built-in wheels.
 7855.....





Formel Yamaha 2009

Yamaha kart from Swiss Hutless

Equipped with

- 8 liters tank
- 40 mm rear axle
- hydraulic brake system
- support for stabilizers
- adjustable stubaxles
- Yamaha KT 100 engine

Y11001 Formel Yamaha complete



Yamaha KT-100 the standard engine for the Yamaha classes throughout the world.

Y20601



News:
Anti Gas/brake
Adjusting system for belt and chain
Selfadjusting hydraulic brake system
Body work
Rubber mounted seat
Steel or plastic protecting frame
Option:
Safetybelt
Neckprotection
Catalytic converter

Call or write us for more information!

Caroli Hammerhead is made in a very rugged design. The seat is adjustable in length, so it fits all drivers. Equipped with protection bars for front and rear wheel. Strengthened with perimetrical crossbows. Can be delivered with Honda GX200 or 270 cc 4-stroke engine.



Steering wheel Caliba for rental kart both indoor and outdoor. Ergonomic designed grip areas of rubber, steel spoked.
4955.....



Seat Tillet Rent-a-Kart
5230.....



Balaclava in cotton, a must for all rent-a-kart tracks. Available in 50- and 100-pack. Washable.
5016 1 pcs.....
5016 50 pcs.....
5016 100 pcs.....

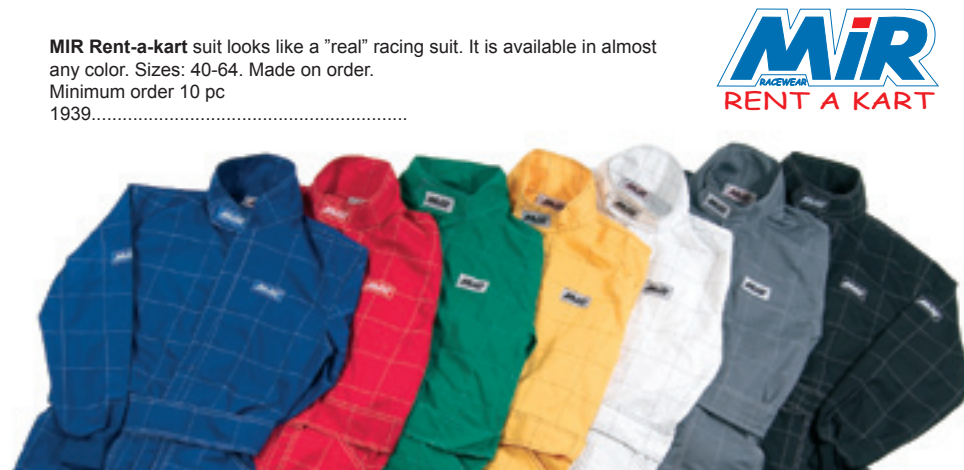


Helmet Airoh Speedfire suitable for rent-a-kart tracks or hobby drivers. Weight: 1370g. Color: Black
4982.....

Contact us for discount prices for rental kart operators



Caliba seat reduction SRS fit into a seat so that you can use same seat for smaller driver.
5226.....



MIR Rent-a-kart suit looks like a "real" racing suit. It is available in almost any color. Sizes: 40-64. Made on order.
Minimum order 10 pc
1939.....



Cheng-Shin is one of the worlds largest tyremanu-
facturer. High quality and lowprice we always have a
complete stock of Cheng Shin tyres

Rent-a-kart tyres

Partno	Type	Dim
1644	Enduro	4.50x10-5
1645	Enduro	7.10x11-5
1609	C190	4.10-350-5
1660	Raptor	4.50x10-5
1661	Raptor	7.10x11-5
1615	Innertube	4.10x350-5
1616	Innertube	6.00x11-5

Contact us for quantity prices

Rent-a-kart tyres

Bridgestone YDS tyres has always been one of the best tyres
for rental karts. Very high quality and a little higher price

Partno	Type	Dim
1632	YDS	4.50x10-5
1633	YDS	6.00x11-5
1634	YDS	7.10x11-5

Contact us for quantity prices

Artnr	Typ	Dim
1658	HG3	4.5X10-5
1659	HG3	7.1X10-5

Contact us for quantity prices

Partno	Type	Dim
1662	D1	4.5X10-5
1663	D1	7.1X10-5

Contact us for quantity prices

Ice-Racer roughly patterned tires for winter driving. The
tyres are specially made to fit studs

1612	4.5x11-5.....
1612-1	Studded tyre with 44 studs.....



Raket 95 DualCharge Rent-a-Kart
Raket engines is used on tracks that
wants to offer their customer a two-stroke
experience. Raket 95 has also up to
70% less emissions than a conventional
two stroke engine. The engine can be
operated on Alkylate fuel with very low
oil mixture.
Engine is delivered fully complete
with box exhaust and carburettor .

35001-3



Wheels for rent-a-kart in very high quality aluminium,
Reinforced to stand the hard condition on a rent a kart track
extra förstärkta, both for tubeless and tube mounted tyres.
Delivered with valve and bearings (frontwheels)

Partno	Type	Width
5033-1	Edwards Rent	130 mm.....
5036-1	Edwards Rent	180 mm.....



MIR 10 Racing suit is the most popular MIR-overall. The overall is of very high quality and very price worthy. Delivered in red, blue or black color.
 Sizes 34-62.
 1940.....



CRG Racing Kartingsuit with high quality CRG embroidery on front and back. Made of best Cordura material. With reinforcement and ventilation
 Sizes 34-60
 1943.....

Rainsuit a smooth rain overall with soft inner liner to avoid condensation
Storlek: XXS-XL

1962.....



MIR K-ERGO rib protection in well ventilated material. Mir has been the most widely used rib protection on the market and is well tested and adapted for each size.
A must for all drivers especially when the tyres are getting softer and the grip is increasing.

Size: XXS, XS, S, M, L, XL, XXL

498302.....



MIR Transparent rainsuit in soft PVC material. Transparent so that you can see the colors of the suit even in rainy condition
Sizes: XS-XXL

1981.....



Rainshoes Mir to wear outside your normal karting shoes.
1960.....



Gloves MIR K6 Special with reinforcement in palm and fingers to get a better grip to the steering wheel. Elastic strap with velcro locking
Size: XXS-XXL
5012.....



Mechanicer gloves
5007.....



Gloves MIR K10 in suede, available in black color with gray details
Sizes: XS-XXL
5011.....



Shoes for the mechanics with MIR logo
498440 Size 40
498441 Size 41
498442 Size 42



Kartingshoes MIR MK 20 made in suede available in
Colors: Red, blue or black.
Sizes: 34-48
5015.....



Karting shoes Bridgestone Concept made in red suede with Bridgestone logo. Sizes 34-45
1930.....





CRG T-Shirts

8282	Piké shirt XS-XL
8984	T-Shirt with silver print.....
8983	T-Shirt New Age



CRG Sweatshirt from Lico

Sweatshirt with zipper in 100% cotton with CRG embroidery chest and an italian flag on the arm.

8280



Fleece Jacket CRG from Lico with embroidery on the

on chest and an italian flag on the arm.

8281



LEATT BRACE

'the helmet for your neck'™



Necksupport Leatt Brace Kart Club

Unique necksupport made by Leatt Brace for karting
Club Kart made of fiberglass/nylon and the weight is about 900g.
It is available in two sizes Junior and Senior

Leatt Brace protects against:

- Hyperflexion: extreme forward head movement.
- Hyperextension: extreme rearward head movement.
- Lateral Hyperflexion: extreme sideways head movement.
- Axial loading: compression of the spinal column due to the effect of force on the helmet.
- Posterior hypertranslation: rearward movement of the head/helmet on the neck.

49350 Leatt Brace Junior 5-16 år.....

49351 Leatt Brace Senior



FlexiCap ear plug

499535.....



Peltor Kid ear protection for kids, well suited for children comfortable and effective noise reduction. Peltor Kid is soft and light weight

The weight is important for comfort, Peltor Kid weighs just 140 g

499530.....



Bell KC3 CMR Kart

a completely new helmet from Bell that is approved by CIK/FIA according the new Snell CMS standard for children motorsports.

Snell CMS are mandatory for drivers under 15 year from 1 January 2010 and highly recommended from 2009.

The helmet has a new aerodynamic design and ventilation that works even in lower speed. The helmet is handmade with advanced material like Kevlar and carbon fiber.

The interior in the helmet is specially energy absorbing material in different densities so it is comfortable to wear during long races.

Weight: 1185 g (+/- 3%)

496154	54	.....
496155	55	.....
496156	56	.....
496157	57	.....
496158	58	.....
496159	59	.....



Bell original visor

496306	Visor KC3 blue	.....
496305	Visor KC3 gold	.....
496308	Visor KC3 iridium	.....
496301	Visor KC3 clear	.....
496309	Visor KC3 ML red	.....
496303	Visor KC3 dark	.....
496307	Visor KC3 red	.....
496302	Visor KC3 smoke	.....
496304	Visor KC3 silver	.....



Screw kit

496326	Screw kit Bell visor blue	.....
496327	Screw kit Bell visor red	.....
496328	Screw kit Bell visor silver	.....
496325	Screw kit Bell visor black	.....



Bell RS3 Sport the new Sport Series benefit from a reduced weight thanks to new lightweight Carbon/Kevlar/Glass (Tri-weave) shell, a unique feature at such price level. Perfect fit with adjustable cheek pads, contemporary design and styling, excellent ventilation and unbeatable prices !

Snell SA 2005 certified – FIA 8858 certified to use with Hans® .

Bell RS3 Sport Standard

496203	XS	.....
496204	S	.....
496205	M	.....
496206	L	.....
496207	XL	.....

Bell RS3 Sport with Hans® clips

496203	XS	.....
496204	S	.....
496205	M	.....
496206	L	.....
496207	XL	.....



Bell original visor

496317	Visor RS3 blue	.....
496316	Visor RS3 gold	.....
496314	Visor RS3 yellow	.....
496319	Visor RS3 iridium	.....
496311	Visor RS3 clear	.....
496321	Visor RS3 ML blue	.....
496320	Visor RS3 ML red	.....
496313	Visor RS3 dark	.....
496318	Visor RS3 red	.....
496312	Visor RS3 smoke	.....
496315	Visor RS3 silver	.....



Screw kit

496326	Screw kit Bell visor blue	.....
496327	Screw kit Bell visor red	.....
496328	Screw kit Bell visor silver	.....
496325	Screw kit Bell visor black	.....



Peltor G-10 manufactured in a carbonfiber mix, flameproof interior in Nomex. Equipped with built-in ear protection. Weight below 1100 grams.

499102	XXS 52
499103	XS 54
499104	S 56
499105	M 58
499106	L 60
499107	XL 62



Screw kit for Peltor visor

499511	Complete kit
499512	Only screws



Visor Peltor fog resistant

499502	.....
Visor Peltor	for tear-off's
499503	.....
Tear-Off shields	5 pcs
499510	.....



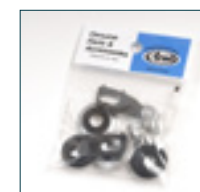
Mirror visor for Peltor integral helmets

499508	Silver	499505	Multi
499509	Blue	499504	Smoke
499506	Gold/Blue	499501	Clear
499507	Red/Gold		



Visor for GP5

4994	Smoke
4994-1	Dark
49940	Screw kit Arai GP5



Helmetbag Mir Racing very nice helmet bag the protects your helmet with the soft lining. Buckles that you can use to hang the helmet bag on the backpack.

Backpack Mir Racing with many compartments for your suit, necksupport, gloves and shoes. You will also get an extra bag for your documents like licenses etc. There are buckles that you can hang the helmet bag.

194601	Helmet bag
194602	Back pack
194603	Backpack + Helmet bag





Airoh Mr Strada Devil helmet a junior helmet with a very low weight (below 1100 grams) available in sizes: XXS-S
Removable and washable interior. Ventilation for your comfort. Fogfree visor
4977 Multicolor.....

Hjälms Airoh Speedfire Simple helmet with a shell of thermoplastic. Clear "skratchfree" visor. Removable and washable interior. Ventilation for your comfort.
Weight: 1300g,
Color: Svart
4982.....



49751 Visor Airoh Mr Strada clear
49752 Visor Airoh Mr Strada dark
49753 Visor Airoh Mr Strada mirror.....

49761 Visor support Airoh Mr Strada inner
49762 Visor support Airoh Mr Strada outer
49763 Visirskruv Airoh Mr Strada.....

4928 Visor support Airoh Martin Junior
4929 Visor Airoh Martin Junior clear
4931 Visor Airoh Martin Junior dark

49301 Visor Airoh Speedfire clear.....
49302 Visor support Airoh Speedfire.....
49303 Visor Airoh Speedfire with tone



Neckprotector an efficient protection against neck injuries, available in colors: red, blue or black
498601 Black.....
498603 Red
498605 Blue



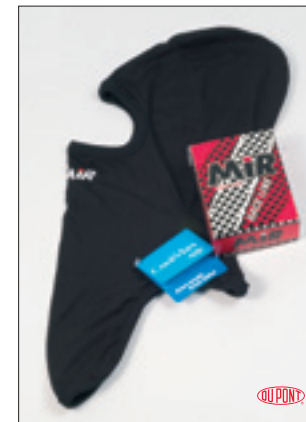
Balaclava Mir available in colors blue, red, white and black
501001 Black.....
501002 White
501003 Red
501005 Blue



Turbovisor fits on the helmet with an adjustable rubber band. In yellow color to improve the sight in rain.
5013

Balaclava MIR CoolMax®

The fabrics employ specially engineered polyester fibres to improve "breathability" compared to natural fibres like cotton
54161 Black
54162 White





Body parts are available in two different sizes. This page shows the smaller size suitable for Cadet chassis. All body parts are made of recyclable PVC plastic and is available in 6 different colors: black, white, red, yellow, blue and silver.

Frontpanel Cadet

5776-1	Black	.....
5776-2	White	.....
5776-3	Red	.....
5776-4	Yellow	.....
5776-5	Blue	.....
5776-7	Silver	.....

Sidepod Cadet

5781-1	Black	.....
5781-2	White	.....
5781-3	Red	.....
5781-4	Yellow	.....
5781-5	Blue	.....
5781-7	Silver	.....

Frontspoiler Cadet

5794-1	Black	.....
5794-2	White	.....
5794-3	Red	.....
5794-4	Yellow	.....
5794-5	Blue	.....
5794-7	Silver	.....



Sidepod NA Cadetti, Micro, Mini

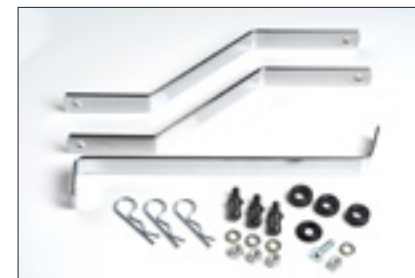
56500	Svart
-------	-------	-------

Frontpanel CRG NA Cadetti, Micro, Mini

56502	Black
-------	-------	-------

Frontspoiler NA Cadetti, Micro, Mini

56501	Black
-------	-------	-------



Mounting kit for frontpanel NA, complete kit for frontpanel New Age

8934
------	-------



Frontpanel KG08 CIK Homologated

1820-1 Black	390.00
1820-3 Red.....	390.00
1820-5 Blue.....	390.00

Frontspoiler KG08 CIK Homologated

1810-1 Black	550.00
1810-3 Red.....	550.00
1810-5 Blue.....	550.00

Sidepod KG Unico

1800-1 Black	290.00
1800-3 Red.....	290.00
1800-5 Blue.....	290.00
1800-7 Silver	290.00

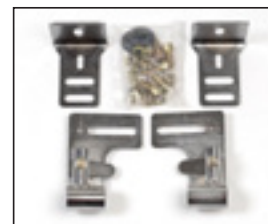


57991	Metal buckle.....
57992	Plastic support.....



Rearspoiler KG 1065 mm width, for Micro, Mini typ classes

8960-1 Black	
8960-3 Red.....	
8960-5 Blue.....	



Mounting kit rearspoiler KG, universal

8960.....	
-----------	--



Rearspoiler support CRG New Age

8953 28 mm frame tube	
8951 30 mm frame tube	
8952 32 mm frame tube	



Rearspoiler CRG New Age one of the best rearspoiler on the market.
8950.....



Rearbumper CRG NewAge adjustable rear wheel protectionfor Cadet, Micro and Mini. Fit most chassis.

8961	55 cm
8061	59 cm



Body parts for the national classes. All body parts are made of recyclable PVC plastic and is available in 4 different colors: black, red, blue and silver.

Sidepod KG Unico

1800-1	Black	.....
1800-3	Red	.....
1800-5	Blue	.....
1800-7	Silver	.....

Frontpanel

5795-1	Black	.....
5795-3	Red	.....
5795-5	Blue	.....
5795-7	Silver	.....

Frontspoiler

5790-1	Black	.....
5790-3	Red	.....
5790-5	Blue	.....
5790-7	Silver	.....



Body parts CRG, aerodynamic shaped. CIK homologated for international racing. Can be fitted to chassis, except smalles cadet karts

Frontpanel CRG NA2

8938	Black
------	-------	-------

Sidepod CRG NA 2

8937	Black right	.....
8936	Black left	.....

Frontspoiler NA2

8935	Black
------	-------	-------



56504 Mounting plates CRG.....



Stickerkit made of strong pvc-plastic, with 4-color CRG Team print. Strong adhesive.
Stickers are cut out to fit the kart. Gives your kart a completely new look.



See page 22 for updated pictures. New sticker kit where not available at the time of printing

Sticker kit CRG for Cadetti for
sidepods frontspoiler, front panel on
page 22
8234-1



See page 28 for updated pictures. New sticker kit where not available at the time of printing

Sticker kit CRG New Age 09- for
sidepods, frontspoiler and front panel
on page 28
8236.....

Sidebumper for sidepod fits CRG karts, please state type and model at order

Minikart

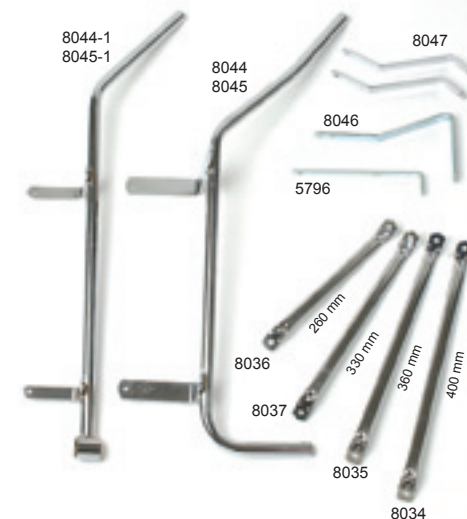
8044-1 Left
8045-1 Right.....
100 cc
8044 Left
8045 Right.....

Support for frontpanel

8047.....
8046.....
5796.....

Extra seat support

8036 260 mm
8037 330 mm
8035 360 mm
8034 400 mm
8051 Fäste kedjeskydd



Stabilizer

802622 Support 25 mm.....
802624 Support 30 mm.....
802602 Tube 25 mm short
802604 Tube 25 mm long
802608 Tube 30 mm short
802610 Tube 30 mm long

8930 Side pod right
8931 Side pod left
8932 Front spoiler lower.....
8933 Front spoiler upper.....
8934 Front panel support





Steering wheel with leather
 1312 Standard.....
 4958 Children size / Puffo



Steering wheel Caliba for rental kart both indoor and outdoor. Ergonomic designed grip areas of rubber, steel spoked.
 4955.....



Alfano Steering wheel fit all Alfano models, adapter included
 4856.....



CRG Steering wheel with controls for brake and accelerator. You can use the controls without moving your hands from the steering wheel. The steering wheel has a built-in Brembo radial pump (self adjusting system) that you connect to the standard system on the kart.
 8085.....



Steering wheel CRG Original
 8088.....



Steering wheel hub standard fitting of steering wheel 20 mm.
8093.....



Steering wheel hub inclined fitting of steering wheel 20 mm.
8092.....



Steering wheel hub 125 standard with fitting for clutch handle with wire. Standard fitting of steering wheel.
8411.....



Steering wheel hub 125 inclined with fitting for clutch handle with wire. Inclined fitting of steering wheel.
8412.....



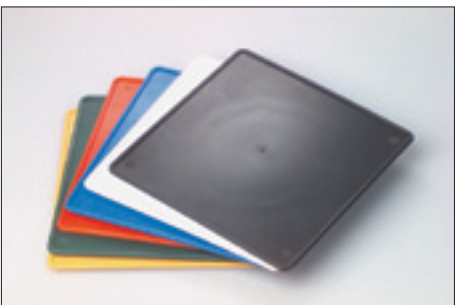
Steering wheel hub CRG original standard fitting of steering wheel.
8090 Aluminium.....
8090-1 Magnesium.....



Steering wheel hub Alfano for the alfano steering wheel. Gold anodized
4864.....



Numberplates self adhesive
5800 Yellow.....
5801 Red.....
5802 Blue.....
5803 Green.....
5804 Black.....
5805 White.....



Numberplates
1560 Yellow.....
1562 Red.....
1564 Blue.....
1566 Green.....
1567 Black.....
1568 White.....



Tape white
5156.....



Support for numberplate
8065.....



Numbers self adhesive, white, black and yellow 14 cm.
5808 White, Black, Yellow.....



Numbers self adhesive, white, black and yellow 17 cm
5008 White, Black.....
5008 Yellow.....



Tillett Racing Seats from Europe's most successful seat manufacturer. Used by all pro's in karting, we have seats in fiber glass and carbon fiber. The high quality and finish distinguish Tillett from their competitors.

We have the full height T8 in stock and a lower model for small drivers.

Tillett T8 part covered

52400101	C 25 cm.....
52400201	XS 27 cm.....
52400301	SCD 28.5 cm.....
52400401	S 29.5 cm.....
52400501	MS 29.5 cm.....
52400601	MSCD 31.5 cm.....
52400701	ML 32 cm.....
52400801	L 34 CM.....
52400901	XL 35 CM.....

T8 Transparent

524501	C 25 cm.....
524502	XS 27 cm.....
524503	SCD 28.5 cm.....
524504	S 29.5 cm.....
524505	MSCD 31.5 cm.....
524506	MS 30.5 cm.....
524507	ML 32 cm.....
524508	L 34 cm.....
524509	XL 35 cm.....
5241	T10 XXL 39 cm.....

T8 Carbon

525028	28.5 cm.....
525031	31.5 cm.....

Screw kit Tillett original

5254.....



Caliba Seat Reduction System SRS used in rental karts to easily reduce the size of a seat
Soft rubber material
5226.....



Seat Tillett Rent-a-Kart

5230.....



Seat reinforcement washer 75x75 mm i aluminium.
5231.....



Back padding for seat, self adhesive

5252.....



Sidepadding for seat selfadhesive

5251.....



Tillett RibCage support. Very stable support with a form of the ribcage to mount on the upper side of the seat

5255.....



Rain Meister Tillett padding for the bottom of the seat to use in rain to get a higher position in the seat.

5257.....



Alfano Fun

The most simple model it has only time keeping and memory and no other connections.

Functions:

- Split lap times (max 3)
- Difference between fastest and slowest lap
- 99 lap memory

Inside the box:

- Alfano FUN V2
- Magnetsensor
- Torx screwdriver
- Manual on CD

4867.....



Alfano Pro V2

The most sold model for karting it has everything you need to start with datalogging

Features:

- Laptimes 1/100 second precision
- IR or Magnet receiver
- 3 split times each lap
- Difference between fastest and slowest lap
- 1 Temperature Input max. 250°C + adjustable high level alarm
- Runtime memory for 5 engines
- Digital RPM display
- Hermetic to water projections (IP 56)
- Software can be downloaded from Alfano.com

Inside the box:

- Alfano PRO V2
- Magnetic Sensor 90cm
- RPM cable 250cm
- Torx screwdriver
- Manual on CD

4871.....



Alfano Pro+ Kit

The top model for karting fully loaded with features and accessories. All Alfano's are very easy to handle, you control the whole system with only two buttons. With backlight display makes it easy even in dark conditions to read the values. You can download data with an infrared pen to analyze the data in the paddock with the advanced software.

- Laptimes 1/100 second precision
- IR or Magnet receiver
- More than 24 hours of memory (endurance mode), up to 6 split times per lap

- RPM + 10 adjustable LEDs + highest value maintenance "PEAK" during the race
- Speedindicator with or without sensor
- 4 counters (Time and Distance covered)
- 2 Temperature inputs max. 1200°C + adjustable luminous alarm Min/Max
- Runtime memory for 5 engines
- Possibility to make your name appear on the screen
- 4 lampor som indikerar optimal samt för hög temperatur
- IR connection to Visual Data on PC by Alfano Pen



Alfano Astro

Top model with maximum expansion possibilities. It has in addition from the Pro+ and input for G-Force sensor so you can illustrate the track on the computer for better analyze the data.

- Laptimes 1/100 second precision
- IR or Magnet receiver
- More than 24 hours of memory (endurance mode), up to 6 split times per lap
- RPM + 10 adjustable LEDs + highest value maintenance "PEAK" during the race
- G-Force "2 Axles" longitudinal & transversal
- Speedindicator with sensor
- 4 counters (Time and Distance covered)

- 4 Temperature inputs max. 1200°C + adjustable luminous alarm Min/Max
- 2 pressure sensors + adjustable luminous alarm Min/Max
- Lambda input
- Pressure input
- Runtime memory for 5 engines
- Possibility to make your name appear on the screen
- IR connection to Visual Data on PC by Alfano Pen

Följande ingår i kittet:

- Alfano Astro
- RPM Cable
- Magnetic Sensor

4847.....



Alfano Steering wheel that fits all Alfano models. Grip och Suede and leather for best grip. Adapter included for Alfano Pro and Fun.
4856.....



Steering wheel hub for Alfano steering wheel, yellow eloxated aluminium
4864.....



Cover for Alfano steering wheel to protect the Alfano instrument from rain.
4857.....



VisualData With the help of an IR pen do you download the data from the Alfano that you can analyze in VisualData on your PC
The software can be downloaded from www.alfano.com



VisualTyre do you use together with Alfano TyreControl to analyze on log tyre pressure and temperature in the tyres
The software can be downloaded from www.alfano.com

Alfano Cronos V2 stopwatch that you can simultaneously time 4 drivers at the same time. You easily use the 8 buttons to start and stop and also split time on each driver.

Features:
- 99 laps memory and 9 split times och each lap
- 1/100 precision
- Total runtime memory
- Best lap memory of each driver
- 8 different timing modes
- Large and clear display
- Väterprotected (IP56)
- Dimensions 120 mm x 70 mm
- Weight 135 gram

4874.....



Alfano Tyrecontrol A-186

Alfano Tyrecontrol A-186 measures and memorizes the temperature on the tyres on 1 or 3 places on the tyre surface.
Measures and adjusts the air pressure on the tyres and memorizes this. Check and memorizes additional 4 temperatures as asphalt etc. Stores dates and time for each measure you can afterwards download these values to analyze in VisualTyre the software on your computer

Features:
Background illumintaed display
Precision bar: +/- 0.01
Precision °C: +/- 1
Display size: 59 mm x 69 mm
Weight: 506 gr
Batteries: 2X AA

4875.....



Extension cable
4849.....



Water temp sensor with extension
4839.....



Temp sensor M5, cylinder Raket
4838.....



IR Receiver External
4862.....



Water temp sensor
4853.....



Sparkplug temperature sensor
4853.....



Magnetic pickup
4851.....



Adapter water temp sensor
4848.....



Transmitter Alfano external
4859..... 1 495.00



IR Pen Pro
4858.....



Battery Alfano
4850.....



Magnet for rear axle
4868 30 mm.....
4869 40 mm.....
4870 50 mm.....



IR Pen, Astro & Pro+
4837.....



Sparkplug sensor
4842.....



Watertemp sensor
4841.....



Exhaust temp sensor
4843.....



Receiver IR external
48620.....



Extension cable 115 cm
4844.....



Extension cable 115 cm
4840.....



Speed sensor
4865.....



Lambda sensor
4833.....



Extension cable G-force sensor
4836.....



Volt sensor 12 v Rotax battery
4872.....



Temp sensor M5, cylinder Raket
4834.....



Magnetpickup
4866.....



Exhaust valve sensor
4873.....



G-Force sensor kit
4846.....



Personal TranX160 rechargable personal transponder
Delivered complete with 220 v charger and 12 v charge
The battery will last for 5 days normal use. Its special
charging cradle is designed to prolong the battery life
when not in use

5196.....

AMB Transponder holder TranX 160

5197 Model 2005>.....
5195 Earlier models.....
51951 Cotter pin.....



Stop watch with 80 laps memory, calculation of
fastest and slowest lap. Countdown timer, clock,
alarm and calender. Water resistant.

1963.....



Stop watch with 80 laps memory, calculation of
fastest and slowest lap. Countdown timer, clock,
alarm and calender. Water resistant.

1953.....



Tachometer PET-2000DX fully automatic precision
tachometer for 2- and 4-stroke engines, memories for
both maximum rpm and engine run times (minutes).
Long life batteries. Large easy to read display, range
40-19900 rpm.
5003.....

Tachometer holder for PET-2000

5000.....



Digital water thermometer for water cooled
engines.
Large and clear numbers displays the tempera-
ture. Velcro fastening included.

5001.....



Kart trolley with a very rugged design, collapsible. Equipped with rubber wheels as standard both in front and rear. Available in black or red color.

- 195401 Black
- 195403 Red



- 1954-1 Rubber wheel.....
- 1954-15 Wheel.....
- 1954-16 Wheel with brake



Start-a-kart makes it easy to start the kart. You use the dolly to lift the kart up in the rear bumper, after a few steps then you release the handle and the kart will lower to the ground and start. The tool is equipped with soft handles, wheels with ball bearings and is foldable.

- 1956.....



Kart Cover Rotax
7913.....



Kart Cover MIR
195103 Red.....
195105 Blue

Ice-Racer winter tyre, the tyres are studdable with standard studs (not included).

- 1612 4.5x11-5
- 1612-1 Studded tyre with 44 studs.....

HEIDENAU



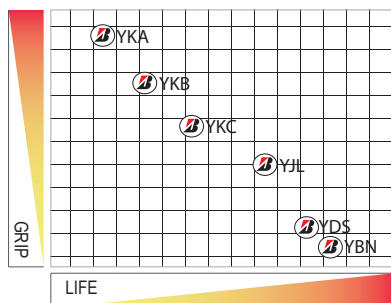
MAXI
GRIP



Maxigrip stud for winter driving. You can mount the stud with a normal drilling machine. The Maxigrip stud consists of a hardened and galvanized hexagonal screw with a special hard metal core. A small tool to mount the stud is included.

- 1581 100 dubb

BRIDGESTONE
Motorsport



Bridgestone is the most popular tyre for karting in the world, with countless victories in world championships and local races. We always have a large stock of Bridgestone tyres both for rental karts and racing.

BRIDGESTONE
Motorsport

Partno	Type	Dim
1622	YJL	4.0x10-5
1623	YJL	5.0x11-5
1632	YDS	4.5x10-5
1633	YDS	6.0x11-5
1634	YDS	7.1x11-5
1643	YFD Rain	4.0x10-5
1647	YFD Rain	5.0x11-5



Radne Motor AB was awarded best Bridgestone Distributor of the year 2008.

BRIDGESTONE
Motorsport

Bridgestone Cap "Winners Cap"
49403.....

Bridgestone T-shirt 100% cotton
S, M, L, XL
49405.....



Bridgestone tape measure for tyres. 75-99 cm
1605.....

Karting shoes Bridgestone Concept made in red suede with Bridgestone logo. Sizes 36-45
1930.....





Partno	Type	Dim
1662	D1	4.5x10-5
1663	D1	7.1x11-5
1630	D2	4.5x10-5
1631	D2	7.1x11-5
1628	W2	4.5x10-5
1629	W2	6.0x11-5



Tyrebag MIR excellent storage for your tyres, the bag holds 1 set of tyre and they are easy to carry.

191001 Black
191003 Red
191005 Blue.....



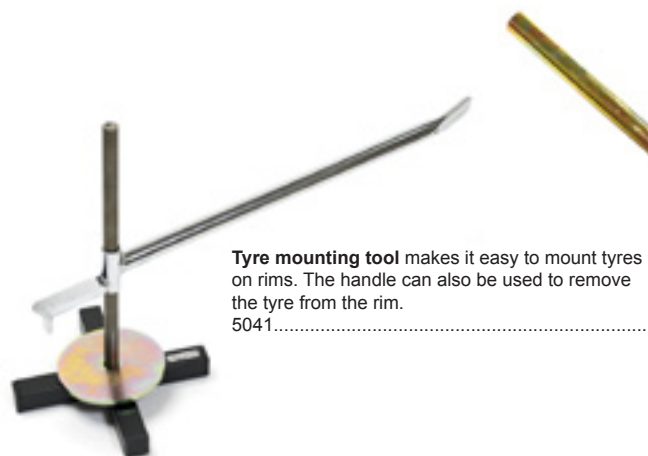
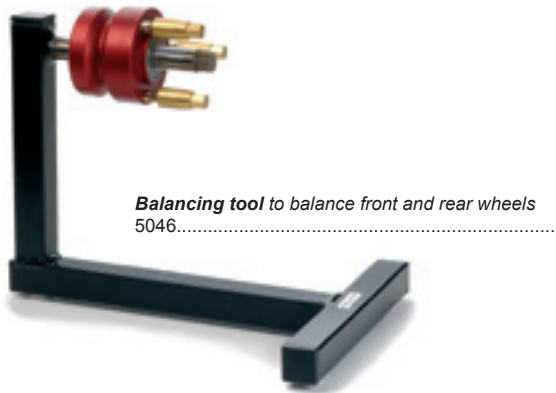
Partno	Type	Dim
1684	W2	4.2x10-5
1685	W2	6.0x11-5
1686	WE	4.0x10-5
1687	WE	5.0x11-5
1696	Cadetti	4.0x10-5
1697	Cadetti	5.0x11-5
1693	SL6	4.60x10-5
1692	SL6	7.10x11-5
1730	Mini	4.0X10-5
1731	Mini	5.0X11-5
1738	W5	4.2X10-5
1739	W5	6.0X11-5
1735	XH	4.6X10-5
1736	XH	6.5X10-5
1737	XH	7.1X11-5
1740	XM	4.6X10-5
1741	XM	6.5X10-5
1742	XM	7.1X11-5

Classes Slicks

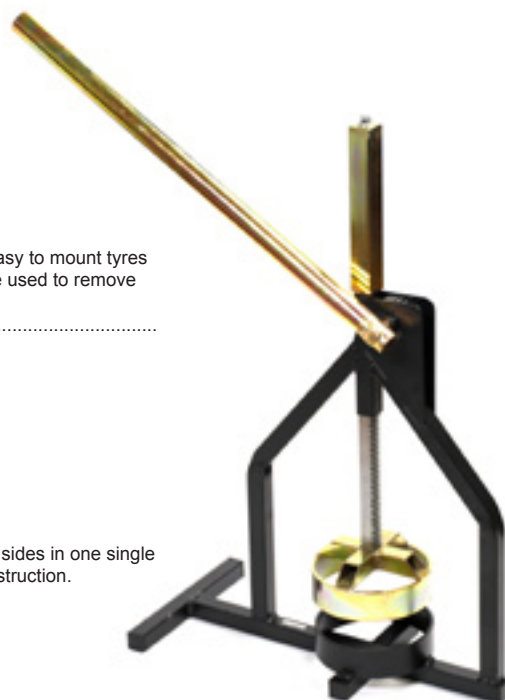
Class	Tyres
Cadetti	Vega Cadetti
F-Micro	Bridgestone YJL
F-Mini	Bridgestone YJL
J 60	Vega Mini
Yamaha	Vega SL6
Rotax Jun	Mojo D1
Rotax Sen	Mojo D2
Sport 2000	Vega SL6

Classes Wet

Class	Tyres
F-Micro	Bridgestone YFD
F-Mini	Bridgestone YFD
J 60	Vega WE
Rotax	Mojo W2
Sport 2000	Vega W2
Yamaha	Vega W2



Tyre remover easily removes both sides in one single push. For 5" wheels. Very rigid construction.
5047.....



Tyre pressure gauge with a scale from 0 to 2,5 bar, with a large scale for high precision. Aluminium handle with a button to release air from the tyre.
1620.....





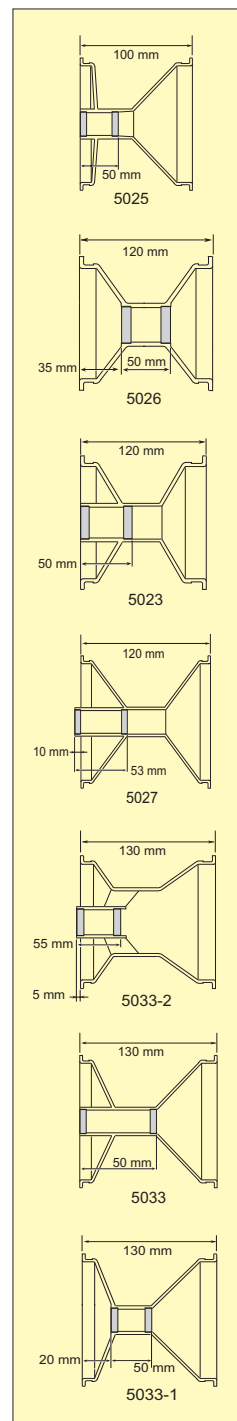
The original wheel from Australia that everybody copied. Made in highest precision in CNC machined, but also leaktested and quality tested carefully by hand after manufacturing
They are available in two different models: Standard model and the Futura with 3-spokes.
All rims are delivered complete with valve and the front rims are delivered with bearings.

Front rims

Partno	Type	Width	Weight
5025	Standard	100 mm	475 g
5026	Symmetric	120 mm	460 g
5023	Standard	120 mm	500 g
5033-1	Rental kart	130 mm	580 g
5027	Extra offset	120 mm	500 g
5033	Standard	130 mm	510 g
5033-2	Futura Standard	130 mm	580 g

Rear rims

5034	Standard	130 mm	570 g
5034-2	Futura Standard	130 mm	475 g
5035	Standard	160 mm	570 g
5036	Standard	180 mm	630 g
5036-2	Futura Standard	180 mm	640 g
5036-1	Rental Kart	180 mm	700 g
5037	Standard	210 mm	700 g
5037-1	Futura Standard	210 mm	710 g

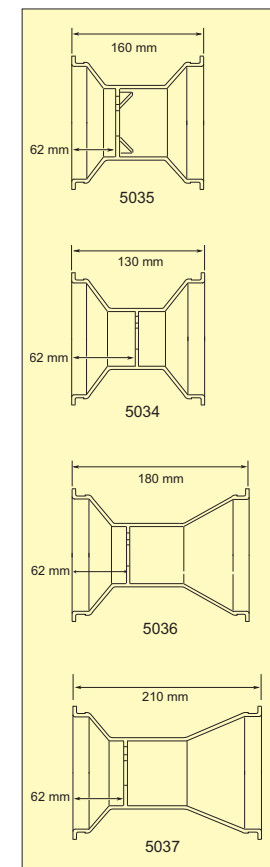


Futura front & rear rim



Aussie front & rear rim

All rims are delivered with valve, and the front rims complete with bearings.





Front wheel 130 mm magnesium for standard hub
5261.....



Front wheel 130 mm magnesium for standard hub
5260.....



Rear wheel 180 mm magnesium for standard hub.
Delivered with valve and stop screws.
5262.....



Rear wheel 210 mm magnesium for standard hub.
Delivered with valve and stop screws.
5263.....



Aluminium screw with o-ring sealing
55101.....



Front rim for CRG-chassis with front wheel brakes
8096.....



Front rim for CRG-chassis with front wheel brakes
8097 Rear wheel 180 mm
8098 Rear wheel 210 mm



Front hub CRG Racing in black anodized aluminium
with ballbearings for 17 mm stub axle
8760 Short.....
8761 Long.....



Rear hub CRG Racing in black anodized aluminium
with 8 mm keyway, 50 mm axle diameter.
8750 Short.....
8751 Medium
8752 Long



Magnesium Low volume wheels houses less air than
regular wheels and will therefore be less sensitive
against temperature changes in the tyre.

Available in complete sets:
2 pc 210 mm
2 pc 130 mm
Tyre lock screws with o-rings
Valves
5031.....

Rear hub in aluminium fits all chassis, available
with two different keyways 6 or 8 mm.

Part	Axle	Key
5101	25 mm	6 mm.....
5103	30 mm	6 mm.....
5103-1	30 mm	8 mm.....
5102	35 mm	6 mm.....
5102-1	35 mm	8 mm.....
5104	40 mm	8 mm.....



Extension rear hub fits all chassis with 8 mm keyway.

Part	Axle	Length
5105	30 mm 6 mm	85 mm.....
5106	30 mm	85 mm.....
5032	35 mm	85 mm.....
5028	40 mm	90 mm.....



Front wheel hub to get maximum grip in rain-conditions.
(fits together with part no: 5034 on page 90) incl.
bearing.

Part	Length
5112	90 mm



Extra wide extension rear hub fits all chassis with 8
mm keyway.

Part	Axle	Length
5029	40 mm	135 mm





Sprocket carrier fits all chassis with standard brakedisc

5181-1	Aluminium, 30 mm, 6/8 mm key	black
5181-6	Aluminium, 30 mm, 6/8 mm key	titan
5182-1	Aluminium, 40 mm, 8 mm key	black
5182-6	Aluminium, 40 mm, 8 mm key	titan
5183	Magnesium, 50 mm, 8 mm key	yellow
5184-1	Aluminium, 50 mm, 8 mm key	black
5184-6	Aluminium, 50 mm, 8 mm key	black



Brake disc carrier fits all chassis.

5210	25 mm	6 mm
5210-1	25 mm	8 mm
5211	30 mm	6 mm
5212	30 mm	8 mm
5213	35 mm	6 mm
5214	35 mm	8 mm
5215	40 mm	8 mm



Front hub delivered complete with pin screw and bearing for 17 mm axle. 58 mm pattern

5130-1	Aluminium 50mm	black
5130-6	Aluminium 50mm	titan
5131-1	Aluminium 75mm	black
5131-6	Aluminium 75mm	titan
5132-1	Aluminium 95mm	black
5132-6	Aluminium 95mm	titan
5140	Magnesium 60mm	
5141	Magnesium 75mm	
5142	Magnesium 95mm	



Rear hub for all chassis, different axle diameter, anodised in different colors. Available both in aluminium and magnesium

5122-1	Aluminium 30mm x 115mm	black 6-8
5122-6	Aluminium 30mm x 115mm	titan 6-8
5120-1	Aluminium 30mm x 65mm	black 6-8
5120-6	Aluminium 30mm x 65mm	titan 6-8
5121-1	Aluminium 30mm x 95mm	black 6-8
5121-6	Aluminium 30mm x 95mm	titan 6-8
5125-1	Aluminium 40mm x 115	black
5125-6	Aluminium 40mm x 115	titan
5123-1	Aluminium 40mm x 65	black
5123-6	Aluminium 40mm x 65	titan
5124-1	Aluminium 40mm x 95	black
5124-6	Aluminium 40mm x 95	titan
5134	Magnesium 40mm x 115	
5128-1	Aluminium 50mm x 115	black
5128-6	Aluminium 50mm x 115	titan
5126-1	Aluminium 50mm x 65	black
5126-6	Aluminium 50mm x 65	titan
5127-1	Aluminium 50mm x 95	black
5127-6	Aluminium 50mm x 95	titan
5135	Magnesium 50mm x 78	
5136	Magnesium 50mm x 88	
5137	Magnesium 50mm x 98	
5138	Magnesium 50mm x 120	



Brakedisc CRG Minikart
 8138-1
Brakedisc CRG ventilated
 8138.....
Brakedisc CRG for floating hub VEN 04
 8050.....
Brakedisc CRG front VEN 04
 80501.....

Brakedisc Yamaha / Swiss Hutless
 Y15001
Brakedisc Yamaha / Swiss Hutless
 Y15000
Brakedisc ventilated CRG UP
 8049.....
Brakedisc Yamaha ventilated
 Y150030



Brakedisc for rearbrake Ven 05
 81501.....



Brake caliper complete for rearbrake Ven 05
 83200.....



Master brake cylinder CRG
 8145 Ven 99
 8145-1 Ven 04 / 05 / 06



Brake caliper for frontbrake CRG Ven 04
 83125 Left
 83126 Right.....



Brake caliper for rear brake Ven 04
 83100.....



Broms caliper CRG 99
 8300 >97
 8300-1 97> VEN 99.....



Brake disc cooler funnel to concentrate the airflow to the brake disc
 8720.....

Brakepads



8330 Tony Kart, front/rear
A=55,4 B=43,7 E=9



8334 Intrepid rear.....
A=49,6 B=81,7 E=12,8



8335 Intrepid Evo 8 rear.....
A=46,2 B=80 D=M6 E=13



8336 Intrepid Evo 03 front.....
A=49,7 B=37,1 E=10



8338 MS Kart rear.....
A=38 B=88,4 C=65 D=M6 E=15



8339 MS Kart front.....
A=35 B=73 C=60 D=M6 E=10



8340 SKM rear.....
A=49 B=89,6 C=65 D=M6 E=13



8341 SKM front
A=44,5 B=73,8 C=54 D=M4 E=9,8



8725 CRG front VEN 99.....
A=34 B=80 C=64,3 D=M6 E=9,8



8726 CRG front VEN 04.....
A=24 B=39,9 E=7,8



8314 CRG 91-97.....
A=33,8 B=84,6 C=74,4 D=M5 E=14,9



8315-1 CRG VEN 99.....
A=47,6 B=108 C=76 D=M6 E=13,7



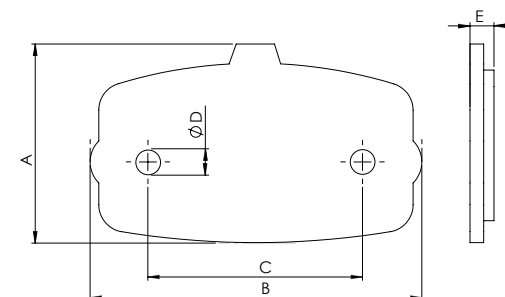
8315-2 CRG UP 2000.....
A= B= C= D= E=



8315-3 CRG UP 2000.....
A=56,6 B=40 E=6,9



8315-4 CRG VEN 04.....
A=41,6 B=64,6 E=9,7



141030 Swiss Hutless.....
A=43,6 B=112 C=56,6 D=M6 E=13,9



1260 Dino / Caroli rental kart
A=49 B=70 C=59 D=M5 E=13,7



Sprocket carrier fits all chassis, available with two different keyways 6 or 8 mm.

5186-1	Aluminium, 30 mm, 6/8 mm black
5186-6	Aluminium, 30 mm, 6/8 mm titan
5187-1	Aluminium, 40 mm, 8 mm black
5187-6	Aluminium, 40 mm, 8 mm titan
5189	Magnesium, 40 mm, 8 mm yellow
5188	Magnesium, 50 mm, 8 mm yellow
5188-1	Aluminium, 50 mm, 8 mm black
5188-6	Aluminium, 50 mm, 8 mm titan



Sprocket carrier floating CRG Racing the sprocket is floating against the sprocket carrier center piece and it can move sideways so that the chain will roll easier and it results in less wear of sprocket and chain.

84100	30 mm
84102	40 mm
84104	50 mm



Sprocket carrier floating WildKart the sprocket is floating against the sprocket carrier center piece and it can move sideways so that the chain will roll easier and it results in less wear of sprocket and chain.

5920	40 mm
5921	50 mm



Sprocket carrier universal for all kart models

5107	25 mm	6 mm
5107-1	25 mm	8 mm
5108	30 mm	6 mm
5108-1	30 mm	8 mm
5024	35 mm	6 mm
5024-1	35 mm	8 mm
5100	40 mm	8 mm



Sprocket guard complete chain and sprocket guard. It is mandatory on all international races.

1573	Integral
1574	Tillett
1575	CRG



Chain guard with finger protection

1571	.....
Chain guard	
1570	.....



D.I.D® CHAIN

Chain DID

5959	96	.....
5960	98	.....
5961	100	.....
5962	102	.....
5963	104	.....
5964	106	.....
5965	108	.....
5966	110	.....
5967	112	.....
5958	114	.....

Chain DID 428H 1/2" x 5/16" for gearbox karts.
Japanese high quality chain.

8524	60 links	.....
8525	Chain lock	.....



Chain RK O-Ring chain

5900	100 O-ring	.....
5902	102 O-ring	.....
5904	104 O-ring	.....
5906	106 O-ring	.....
5908	108 O-ring	.....
5910	110 O-ring	.....
5912	112 O-ring	.....
5914	114 O-ring	.....



Chain Length	
Sprocket:	68 72 76 80 84 88 92 95
Chain:	96 100 102 104 106 108 110 112
<i>Note! The length will vary between chassis.</i>	



Chain Iris

5945	96	.....
5946	98	.....
5947	100	.....
5948	102	.....
5949	104	.....
5950	106	.....
5951	108	.....
5952	110	.....
5953	112	.....
5954	114	.....



Rear sprocket in strong plastic material for the smaller classes like Cadetti and Yamaha.
Lower wear of chain and lower noise
Available in sizes from 72 to 92 teeth
5872 - 5892



Rear sprocket in high quality aluminium. Fits all types of chassis. Available in sizes from 68 to 95 teeth's yellow anodized
5968 - 5995



Sprocket storage useful to carry your sprockets
5997

Sprockets not included



Engine Sprocket

3098	Raket 10 T	.....
3097	Raket 11 T	.....
2151	All 100 cc engines 9 T	.....
2150	All 100 cc engines 10 T	.....
6060	Rotax Reed 95 > 9 T	.....
6037	Rotax Reed 95 > 10 T	.....



Sprocket for gearbox karts

84200	Sprocket hub 40 mm	.....
84210	Sprocket hub 50 mm	.....
84223	23 t	.....
84224	24 t	.....
84225	25 t	.....
84226	26 t	.....
84227	27 t	.....
84228	28 t	.....
84229	29 t	.....
84230	30 t	.....



All our bearings are from the world leading bearing manufacturer: SKF



Main bearings SKF high quality bearings, available in different sizes.

2340	SKF 6204 TN9
2341	SKF 6205 TN9
6033	SKF 6304 TN9
3093	SKF 6203 TN9
32093	SKF 6203 Raket 120
4093	SKF 6202 TN9
7205	SKF 6206 TNH
32410	SKF 6004 RSH
7207	SKF 6005 TNHC3



Uniballs fit all chassis on the market with 8 mm thread

1160	Right female
1163	Left female
1161	Right male
1162	Left male
1165	Nut M8 left

Uniball for steering column

1270	Uniball M10
8106	Uniball 8mm



Front wheel bearing

1093	6002ZZ 15X32
1091	6202ZZ 15X35
1090	6003ZZ 17X35
1140	608ZZ 8X22
1142	6000ZZ 10X22



The patented ConCentra Solution allows to center the shaft and its rotation in respect of the bearing center



The patented profile on the outer ring surface of the kart unit has been designed in order to avoid the risk of misalignment to the unit support during the race



The removable snap shield allows you to clean the bearing and relubricate it, thus keeping high rotation efficiency and high reliability extending bearing life



The ceramic balls result in extremely low friction, while reducing rotating mass and increasing stiffness



SKF Rearaxle bearing ConCentra

The unique patented SKF Formula 1 technology bearing. Fit into most chassis models on the market. Available only for 50 mm bearing 1460



Rearaxle bearing SKF special karting bearings made by SKF

1490	YAT 205/VP076 - 25 mm
1492	YAT 206/VP076 - 30 mm
1494	YAT 207/VP076 - 35 mm
1493	YAT 208/VP076 - 40 mm
1491	ROP50/90 - 50 mm
1495	ROP50/80 - 50 mm



Rear axles

Partno	Ø	Length	Key
1450	25 mm	900 mm	8 mm.....
8135	30 mm	900 mm	8 mm.....
8137	40 mm	1040 mm	8 mm std.....
8137-1	40 mm	1040 mm	8 mm soft.....
8137-2	40 mm	1040 mm	8 mm hard.....
8140	50 mm	1040 mm	8 mm M20.....
8140-1	50 mm	1040 mm	8 mm S20.....
8140-2	50 mm	1040 mm	8 mm S25.....
8141-1	40 mm	900 mm	8 mm hard.....
8141-2	40 mm	900 mm	8 mm medium.....
8141-3	40 mm	900 mm	8 mm soft.....
Yamaha / Swiss Hutless			
Y14704	30 mm	1020 mm	.....
Y14745	40 mm	1020 mm	.....

Hardness 50 mm axle

S20 Soft
S25 Medium
M20 Hard



Bearing support aluminium fits CRG

8142-4	30 mm	.....
8142-3	40 mm	.....
8142-5	50 mm	.....



Bearing support SKF universal in steel, only in pairs

1488	25 mm	.....
1489	30 mm	.....



Tie-rods in aluminium

5310	210 mm	.....
5312	220 mm	.....
5314	230 mm	.....
5316	255 mm	.....
5318	265 mm	.....
5319	275 mm	.....
5320	290 mm	.....



Tie-rods in aluminium

5157	190 mm	.....
5161	204 mm	.....
5158	200 mm	.....
5169	210 mm	.....
5159	225 mm	.....
5165	230 mm	.....
5160	240 mm	.....
5167	245 mm	.....
5162	250 mm	.....
5168	260 mm	.....
5163	265 mm	.....
5164	280 mm	.....
5166	295 mm	.....

Tie-rod in plastic, for rent-a-karts

5170	245 mm240.00
------	--------	-------------



Tie-rod CRG Racing Original

5171	275 mm
------	--------	-------

Pedals Universal fits most chassis on the market. Made of machined anodized aluminium.

Accelerator pedals

- 80241 Black
- 80242 Blue
- 80243 Red
- 80244 Gold

Brake pedals

- 80231 Black
- 80232 Blue
- 80233 Red
- 80234 Gold



Pedal support Cadet to move the pedals for small drivers. You screw the pedal directly to the support. Delivered in pair 5925.....



Pedal extention for Cadetti karts you mount them on your existing pedals. Good for drivers with small feet. Adjustable in different ways. Delivered in pair 5810.....



Heel support
5810.....2 pc



We have quality spark plugs from NGK. They are specially made for Racing engines.



- 30550 NGK BPM7A
- 30551 NGK BPM7Y
- 2802 NGK B9-EG
- 2804 NGK B10-EG
- 2808 NGK BR9 Resistor
- 2809 NGK BR10 Resistor



- 3056 Spark plug cap Raket.....
- 6014 Spark plug cap NGK for 100 cc.....
- 3077 Ignition cable 5 x 200 mm



Spark plug wrench for engines 21 mm
5043.....



Spark plug wrench for the Raket engines
5053.....



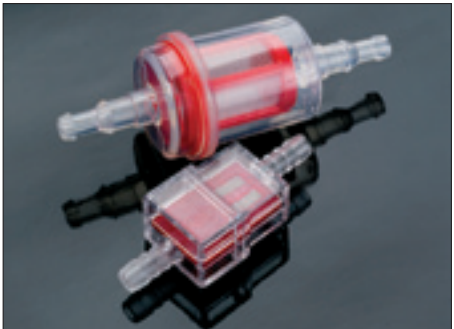
Tank universal, for the Cadetti karts
 8072 Tank 3 liter.....
 8071 Tank 5 liter.....
 8077 Cap.....
 8077-1 Gasket.....



Tank 9 liters, removable according to CIK rules.
 8079 Tank 9 liter.....
 8077 Cap.....
 8077-1 Gasket.....



5091 **Fuel line blue**.....
 509101 **Fuel line transparent soft**.....



4993 **Fuel filter**.....
 49930 **Fuel filter small**.....



Tank 9 liters original, removable according to CIK rules.
 8073 Tank 9 liter.....
 8074 Cap.....
 8074-1 Gasket.....



Tank Swiss Hutless/Yamaha, complete
 Y11600 Tank 5 l.....
 Y116030 Tank 6 l.....
 Y11700 Cap.....



Petrol filler 5 liter
 5787.....



Funnel, with filter
 5789.....



Tank 3 liter universal tank complete
 8075.....



Tank 2 dl to mount under the steering wheel for the exceed petrol
 8075 2 dl tank with cap (support not incl).....
 8075-1 Cap.....
 8075-2 Support for tank 2 dl.....



Hand pump and simple and easy to use hand pump to fill or empty petrol from your kart
 5785.....

Petrol filler 5 liter
 5786.....
Measuring beaker for oil 500 ml
 5788.....





Engine mount CRG magnesium 90 mm
 8038-3 Magnesium 30 mm.....
 8038 Magnesium 32 mm.....



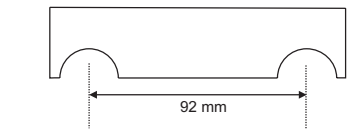
Engine mount CRG aluminium 90 mm
 8039 Aluminium 28 mm



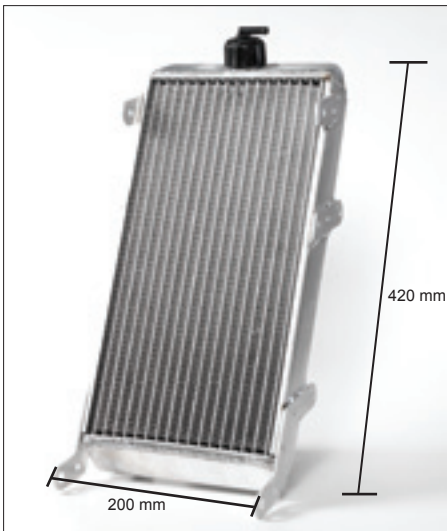
Engine mount base
 3005 Ø 28 mm Universal 92 mm
 8040-1 Ø 25 mm CRG Aluminum.....
 8040 Ø 28 mm CRG Aluminum.....
 8040-2 Ø 30 mm CRG Aluminum.....
 8040-4 Ø 30 mm CRG Magnesium.....
 8040-3 Ø 32 mm CRG Magnesium.....



Chain stretcher
 8048.....



Engine mount aluminium universal for chassis
 with 92 mm between the tubes at the engine mount.
 3004.....



Radiator made in aluminium
 8703.....



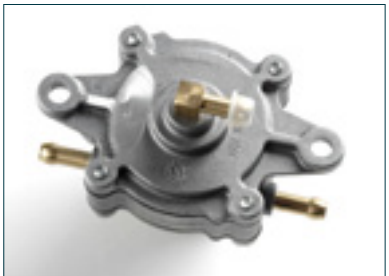
Thermostat for all water cooled 100 cc engines.
 Regulates the engine temperature efficiently.
 8920.....



Speedy connection for water hose, it keeps the
 water in the radiator, engine and hose when discon-
 necting.
 8705 Hane / Male
 8706 Hona / Female.....



Pulley
 8916 40 mm
 8916-1 50 mm



Fuel pump
 8905.....



Water pump
 8901.....



Exhaust system for Rotax Max
7701.....



Inner tube for Rotax Max exhaust
7710.....



Isolating mat for Rotax Max
7711.....



Exhaust spring 66 mm
7702.....



Silencer support complete for Rotax Max is delivered complete
15541 Black
15545 Blue
15546 Titan



Muffler for 100 cc engines, we keep them in stock in two different models and different lengths.

2394 Standard 100 cc.....



Flex tube cutting tool, 45-50 mm.
5045.....



Flextube for all types of engines, in lengths you can have two pieces.

3010 Raket 32 mm.....
2400 100 cc 45 mm.....
2411 100 cc 50 mm.....



Exhaust bend for 100 cc engines, fits most models.
6007.....



Muffler support universal fits all types of chassis.
1550.....



Spring for muffler for easy fitting
1553.....

RAKET

Piston Raket 60 available in one size, piston ring included.

4087

Piston Raket 85 available in one size, piston rings included.

3087

Piston Raket 120 available in one size, piston rings included.

32087



RAKET
original



Piston Rotax Max

7316-1	53.97	.....
7316-2	53.98	.....
7316-3	53.99	.....
7316-4	54.00	.....



Piston 100 cc for Yamaha with piston ring

Y21639	51.97	.....
Y21640	51.98	.....
Y21641	51.99	.....
Y21642	52.05	.....
Y21643	52.10	.....
Y21644	52.15	.....
Y21645	52.20	.....
Y21646	52.25	.....
Y21647	52.30	.....
Y21648	52.35	.....
Y21649	52.40	.....
Y21650	52.45	.....
Y21651	52.50	.....
Y21652	52.55	.....
Y21653	52.60	.....



Overhaul kit for Raket 85

3086	Piston ring	.....
3087	Piston Raket 85	.....
30550	Sparkplug NGK BPM 7A	.....
3091	Needle bearing	.....
3115	Oil sealing	.....
3115-1	Oil sealing Teflon	.....
3115-2	Oil sealing rubber	.....
3099	Oil sealing drive side	.....
6029	Oil sealing drive side	.....
3053	Exhaust gasket	.....
3066	Inlet gasket	.....
3063	Carburettor gasket	.....
3151	Crank case gasket	.....
3090	Cylinder gasket 0.10	.....
3090-1	Cylinder gasket 0.25	.....
3093	Main bearing	.....



RAKET
original



Small end bearing

4091	Raket 60	.....
3091	Raket 85	.....
32091	Raket 120	.....
6018	100 cc INA	.....

Big end bearing

6025	100 cc Thompson
------	-----------------	-------



Tillotson

Tillotson HS-175 17,6 mm carburettor for Raket 85 3048.....



Tillotson HS-205A 17,6 mm carburettor for Raket 60 and Raket 85. 3048-1



WALBRO

Walbro 24 mm carburettor for Raket 120 32048.....



Walbro
35048 WB-44 Raket 95
Y34400 WB-3A Yamaha.....



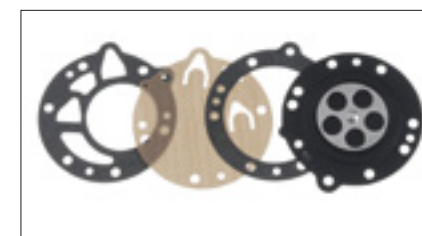
Diaphragm kit Walbro
32155 Walbro for Raket 120
Y34401 Walbro for Yamaha.....



Diaphragm kit for Tillotson HS carburetors 3155.....



Diaphragm kit Walbro complete for Yamaha Y38301



Diaphragm kit standard, fits most carburetors for 100 cc engines 3382.....



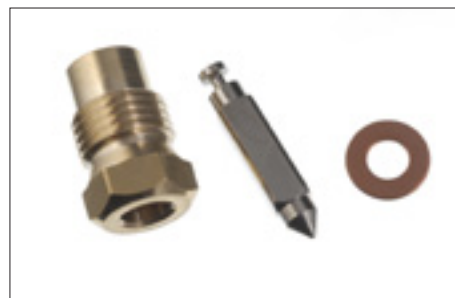
DELLORTO

Dellorto 34 mm carburettor for Rotax Max 7001.....



Tillotson

Tillotson HL-360 24 mm carburettor for the "just for fun driver". With two mixture screws for the petrol. 2384.....



Needle valve kit standard, fits most carburetors for 100 cc engines 3372.....



Carburettor tester checks your carburettor so it opens and closes at the right pressure. 5054.....



Throttle cable
3083 Raket 60/85/120
5093 Universal
Bowden cable
5094 Universal



Inlet silencer ASR-100 The inlet silencer has a built-in airfilter

56101 Black
56107 Silver
56102 Transparent.....

Inlet silencer ASR-125

56111 Black
56117 Silver
56112 Transparent.....



Filter for ASR-silencer

56110
56118 Black
56119 Red.....

Inlet tube for ASR-silencer 30 mm

56118 Black
56119 Red.....

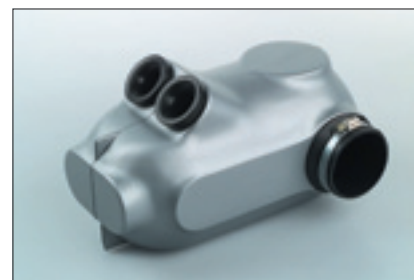
Inlet tube for ASR-silencer 23 mm

56108 Black
56109 Red.....



Inlet silencer with side inlet

5201-3
5201-2
5201-1



Inlet silencer with top inlet

5201-1



Rain protector to fit on top of the inlet silencer.

5200.....
5207 Rubber band.....



Rubber fitting

5202.....

Clamp 50 - 70 mm

5084.....

Inlet tube for inlet silencer

5204 Insugsrör 29 mm.....
5205 Insugsrör 22 mm.....
5206 Filter.....





Inlet flange to fit an inlet silencer to a Raket 85 engine.
3161.....



Support for inlet silencer.
5208 Complete.....
5207 Rubber band



Inlet flange for Raket 120
32161.....



Air filter for Raket 85
3159.....



Restrictor kit for Raket
3067.....



Inlet flange for Tillotson HL-360.
2385



Stop Brake cleaner removes oil and dirt effectively from brake discs and pads.
4876.....

Cool Run chainlube
4880.....

Lubin 12 lubricant for bearings
4885.....

One Shot carburettor cleaning spray
4884.....

Power House water repellent spray for use in ignition system and electrical system to protect from water
4892.....

Supa Glaze helmet polish and protector, good for painted helmets.
4881.....

Fresh inside helmet sanitiser, refreshes helmet from dirt and sweat
4883.....

Ancorr acid free rust remover
4894.....



Shield water repellent, increases visibility in extreme wet conditions.
4890.....





Xeramic chain spray based on ceramic materials. This unique combination keeps the chain flexible and heat resistant, 500 ml
4989.....

Brake cleaner If you want a surface completely free from grease. Ideal for brake discs, 500 ml
4998.....

Multi 2000 universal spray, anti-corrosive and lubricating, 400 ml
4999.....

Rekommenderad oljeblandning	
Raket 60	3 % Shell Advance X
Raket 85	3 % Shell Advance M
Raket 120	3 % Shell Advance M
Yamaha	6 % Shell Advance M
KF 1, 2, 3	6 % Shell Advance M
Rotax Max	3 % Combat Tmax
Sport 2000	4 % Shell Advance M



Shell Advance Brake Plus, brake fluid DOT 5.1
4945.....



Shell Advance Racing M castor based racing oil for two stroke engines. Shell Super M is homologated by CIK for international CIK-races.
4944.....

Shell Advance Racing X fully syntetic racing oil for two-stroke engines. Suitable for 60 to 85cc engines with catalytic converter
4943.....



Kart Care Combat Tmax synthetic 2 stroke oil specifically developed for the 125 Rotax Max engines. Improves throttle response, combats pre-ignition, avoids carbon build up especially on exhaust valves and keeps the exhaust clean. Easy to read spark plugs. Max protection at high revs.
Official oil of the Rotax Max Euro Challenge 2009 and Rotax Max Challenge Grand Finals 2009.

4951.....





Carbon fibre floor tray, for CRG RM Mini Kart, very light carbon fibre material. Saves up to 0,4 kg in weight compared to aluminium.

8017.....



Lead

5098-1 1 kg
5098-2 2 kg
5098-3 3 kg



5155 **Gaffa tape**.....
5096 **Cable Ties** 10 pc

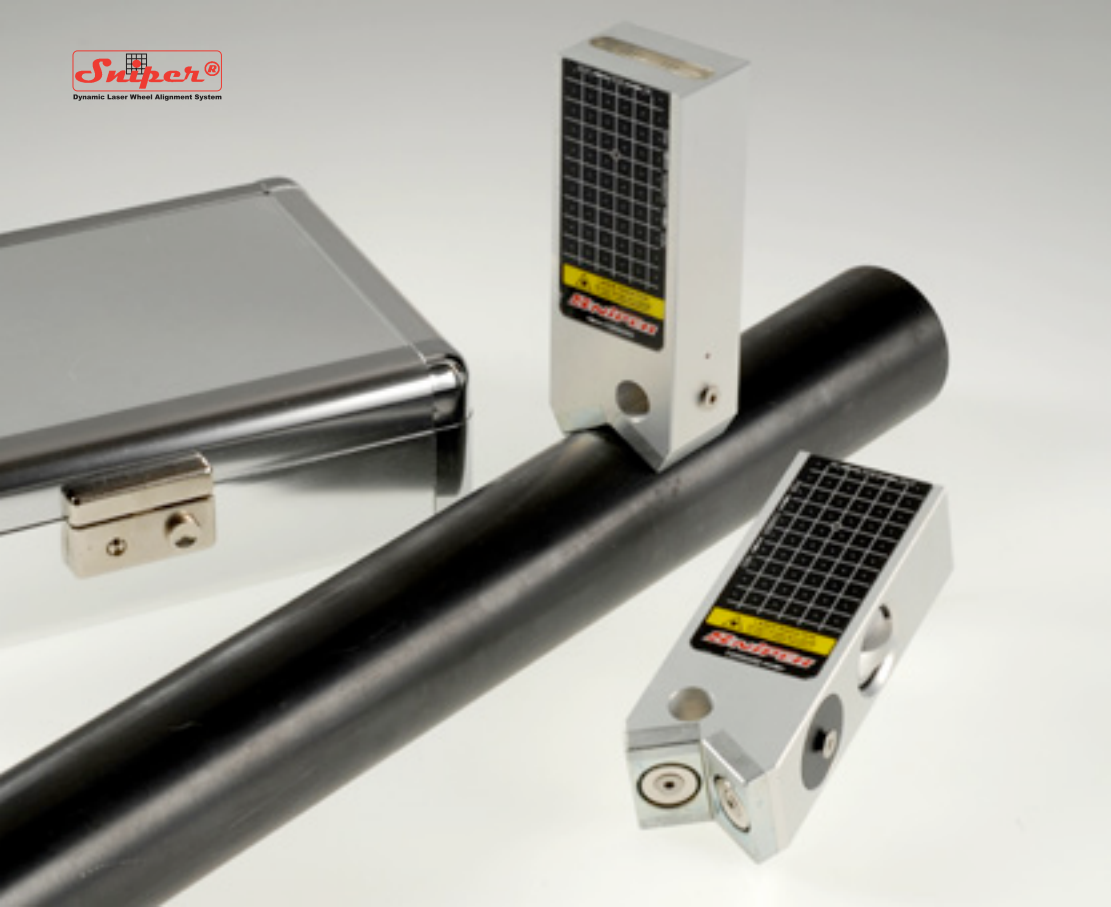


Gasket replacer replaces gasket completely or where gasket often have difficulties to seal. The compound is very simple to remove after disassembly of the engine.
4997.....



Sniper chain alignment laser uses laser to accurate alignment the rear sprocket. Optimising engine efficiency and prolonging sprocket/chain life

508718.....



Sniper V4 rear axle alignment has a built-in two way laser to align the rear axle against front axle. Attaches to the rear axle with strong magnets. Delivered in a instrument case.
508713.....



Sniper V2 Front wheel alignment tool uses laser for an accurate alignment of the front wheels. Fits all stubaxel, attaches to the axle with a strong magnet.
508714 Sniper V2.....



Front wheel alignment tool for 125 uses laser for an accurate alignment of the front wheels. Fits all chassis with frontwheel brakes or 17 mm front axle.

508719 Sniper B2.....



Sniper adapter for B2 and B4
Adapter to fit kartar without frontbrakes with 25 mm stubaxle

508722.....



The Sniper™ is a revolutionary product for measuring the wheel alignment settings of your kart.

The Sniper™ works by projecting a laser beam from one side of the kart to the other, at a visual grid system engraved into the surface of the opposite unit. Both camber and toe readings can then be seen simultaneously either with the kart on the trolley, or on the ground with wheels on and the kart fully loaded.

Now with the B4 you can measure front end geometry, chassis twist, squareness, rear axle height & parallelism, compound caster angle, compound kingpin inclination angle and angular change of camber - all with one system!

The B4 has an additional laser module mounted within each unit, to point at the rear axle. To ensure accuracy and correct positioning, the B4 also has a much more accurate, precision ground, glass spirit level installed.

Sniper B4 complete chassis alignment system

Contains:

2 x Sniper™ units with rear pointing lasers to suit 40mm front hubs	1 x Spare set of batteries
2 x Rear targets	1 x Acrylic spirit level block
2 x Aluminium spacers	1 x Magnetic Stand
2 x Adaptor bushes to suit 17mm axles	1 x Caster scale
2 x Battery Packs	1 x Steel plate
	1 x 2.5mm Allen key

508720 Sniper B4 Complete.....

RAKET
original



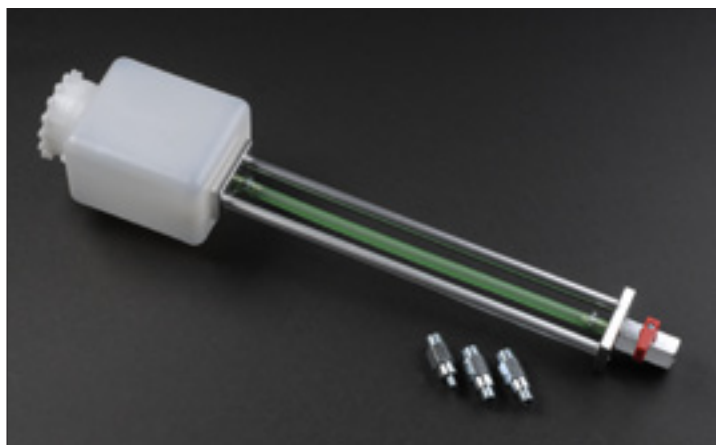
Oil seal tool for Raket engines. Makes it easier and safer to mount the oil seals in a correct way. Fits Raket 60, 85 and 120 508707.....



Piston pin extractor for all types of pistons 1900.....



Wheel alignment tool in aluminium, to set toe-in - toe-out and camber angles. 508705.....



Brakefluid filler remove air from the brake system with this easy tool 5190.....



Degree dial gauge in aluminium to check port timing on engines, delivered complete with support for 100 cc or Raket engines.
5058 100 cc 490.00
5058-1 Raket..... 490.00



Dial gauge with accuracy of 1/100 mm, to measure a Raket 85 straight from the top.

5044	Complete kit
5064	Bracket only
5066	Pin only
5063	Dial Gauge



Dial gauge with accuracy of 1/100 mm, fits all engines.

5050	Complete kit
5065	Bracket only
5066	Pin only
5063	Dial Gauge



Carburettor tester checks your carburettor so it opens and closes at the right pressure.

5054.....



Piston ring compressor makes it very easy to mount a cylinder. You use the tool to press the piston ring when you mount the cylinder.

5049.....

Chain extractor for standard 219 chain
5915.....

Chain extractor for chain 428 KZ2 chain
5916.....



Flywheel extractor for Raket 60, 85 & 120
5051.....

Flywheel extractor for PVL ignitions
5078.....



Sprocket extractor to dismount the sprocket from the engine. Fit all models.
5052.....



Sprocket wrench a combination tool to hold the sprocket while mounting the engine sprocket.
9, 10, 11 teeth
5055.....

PASTORINO

T-handle allen key from Pastorino, high quality tools from Italy. Available in 5 different sizes.

5079	3 mm	.....
5073	4 mm	.....
5074	5 mm	.....
5075	6 mm	.....
5076	8 mm	.....



PASTORINO

T-handle allen key Pastorino with plastic handle. Available in 5 different sizes.

50610	3 mm	.....
50611	4 mm	.....
50612	5 mm	.....
50613	6 mm	.....
50614	8 mm	.....



T-handle wrench socket with plastic handle. Useful for the cylinder on Raket 85
5060 8 mm

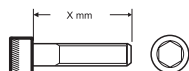


PASTORINO

T-handle wrench socket from Pastorino, high quality tools from Italy. Suitable for mounting rear tyres where you need a long handle.

5083	8 mm	.....
5077	10 mm	.....
5059	13 mm	.....





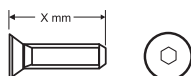
Partno Size

55108	4 x 16 mm.....	10 pack
55109	4 x 20 mm.....	10 pack
55119	4 x 65 mm.....	10 pack

55121	5 x 8 mm.....	10 pack
55124	5 x 12 mm.....	10 pack
55126	5 X 20 mm.....	10 pack
55129	5 X 25 mm.....	10 pack
55135	5 X 30 mm.....	10 pack
55137	5 X 40 mm.....	10 pack
55140	5 X 45 mm.....	10 pack
55142	5 X 50 mm.....	10 pack
55143	5 X 55 mm.....	10 pack
55146	5 x 90 mm.....	pc
55148	5 X 100 mm.....	pc

55153	6 X 20 mm.....	10 pack
55159	6 X 25 mm.....	10 pack
55161	6 X 30 mm.....	10 pack
55165	6 X 40 mm.....	10 pack
55168	6 X 45 mm.....	10 pack
55169	6 X 65 mm.....	10 pack
55170	6 X 70 mm.....	pc
55174	6 X 95 mm.....	pc

55182	8 X 20 mm.....	10 pack
55184	8 X 30 mm.....	10 pack
55189	8 X 40 mm.....	10 pack
55201	8 X 70 mm.....	10 pack
55204	8 X 85 mm.....	pc
55207	8 X 90 mm.....	pc
55210	8 x 130 mm.....	pc
55240	10 x 40 mm.....	pc



Partno Size

55127	5 X 20 mm.....	10 pack
55156	6 X 20 mm.....	10 pack
55167	6 X 40 mm.....	10 pack
55185	8 X 30 mm.....	5 pack
55191	8 X 40 mm.....	5 pack
55194	8 X 50 mm.....	5 pack
55194	8 X 70 mm.....	pc
55212	8 X 100 mm.....	pc

Partno Size

55310	M5.....	10 pack
55316	M6.....	10 pack
55324	M8.....	10 pack
55337	M10.....	10 pack

Partno Size

55307	M4 Locking	10 pack
55311	M5 Locking	10 pack
55321	M6 Locking	10 pack
55327	M8 Locking	10 pack
55338	M10 Locking	10 pack
55340	M12 Locking	10 pack
55344	M14x1,5 Locking. st / pc.....	(Frontwheel nut CRG/Yamaha mfi.)

Partno Size 10 pc

55350	M8 Locking	10 pack
55353	M10 Locking	10 pack



Wahser

Partno Size

55407	M4.....	10 pack
55409	M5.....	10 pack
55410	M6.....	10 pack
55412	M8.....	10 pack

Aluminium washer counter sunk

Partno Size

55390	5 X 18 mm.....	10 pack
55392	6 X 20 mm.....	10 pack
55393	6 X 25 mm.....	10 pack
55395	8 X 30 mm.....	10 pack

Rubber washer

Partno Size

1056	6 X 20 mm.....	10 pack
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Aluminium washer counter sunk anodized

Partno Size

55371	6x18 Gold.....	10 pack
55370	6x18 Black.....	10 pack
55372	6x18 Blue.....	10 pack
55373	6x18 Red.....	10 pack
55375	8x30 Gold.....	10 pack
55374	8x30 Black.....	10 pack
55376	8x30 Blue.....	10 pack
55377	8x30 Red.....	10 pack

Exhaust spring

Partno Size 1 st 10 st

3007	40 mm.....	12.00
3011	50 mm.....	16.00
3008	60 mm.....	18.00
1552	140 mm.....	20.00
1553	Silencer spring.....	25.00
3081	Press washer.....	11.00
5097	Return 80 mm.....	10.00



Rearwheel nut M 8

Partno Size 1 st 10 st

55333	8 mm titanod.....	20.00
55328	8 mm yellowanod.	30.00

55333	8 mm.....	20.00
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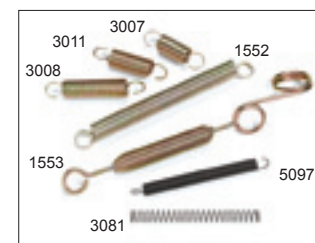
Stud for rear hub

5113	M8x35.....	18.00
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Seal nut M8

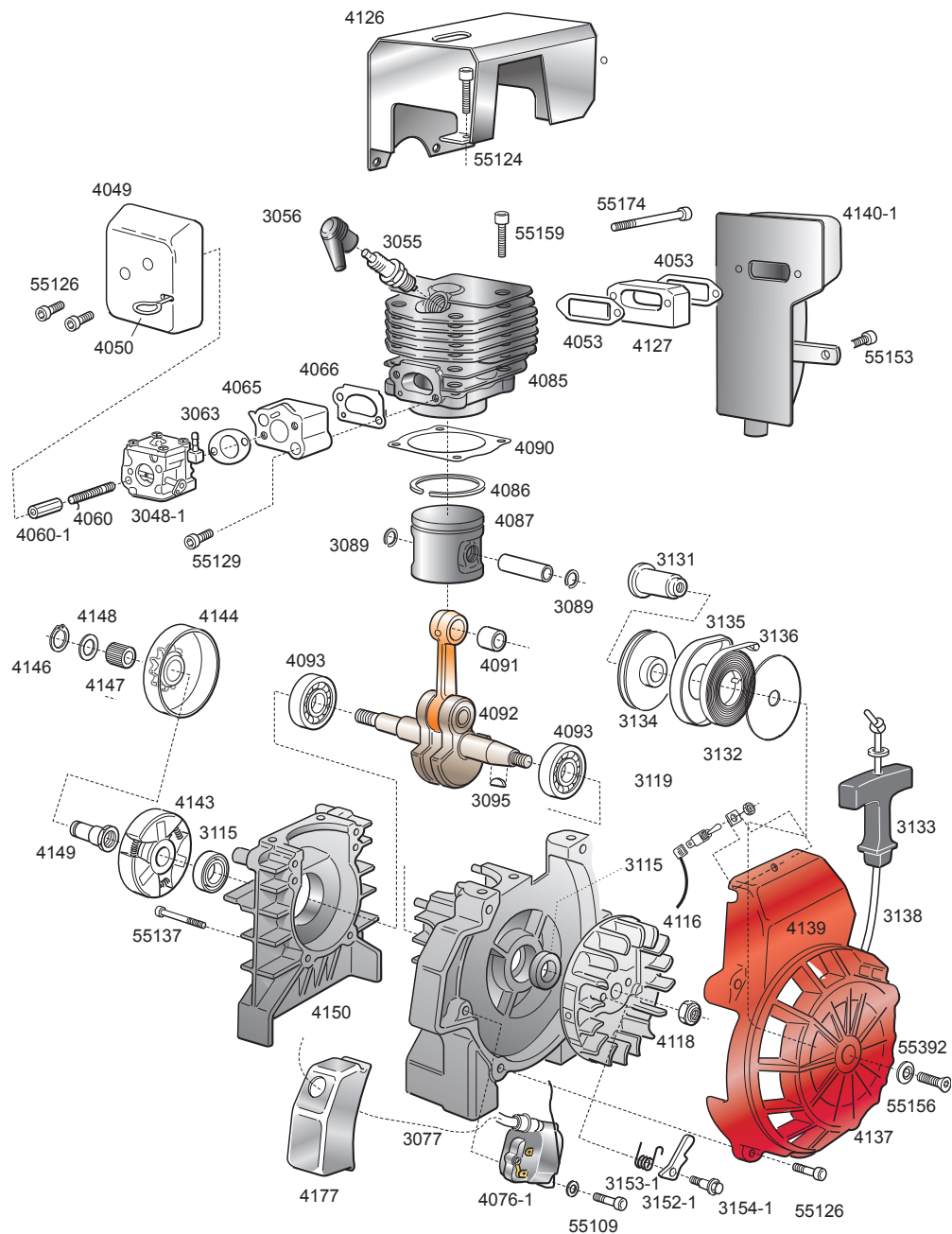
Partno Storlek 1 st 10 st

55360	8 mm.....	20.00
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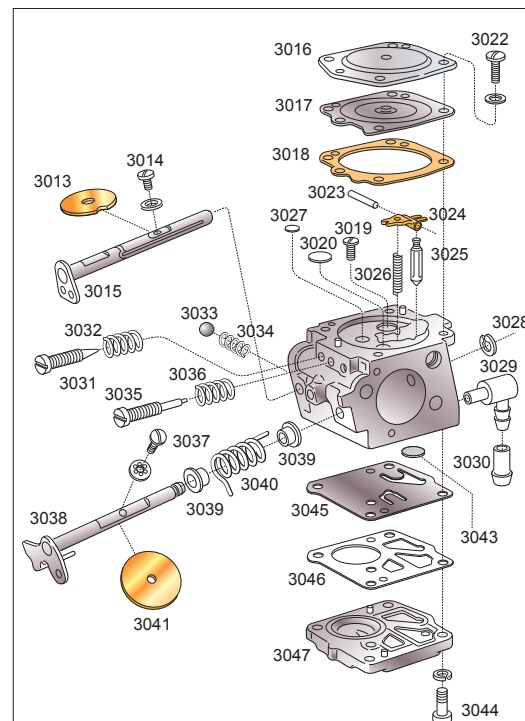
Aluminium screw to secure the tyre on the rim,
delivered with O-ring.

55101	M5.....	
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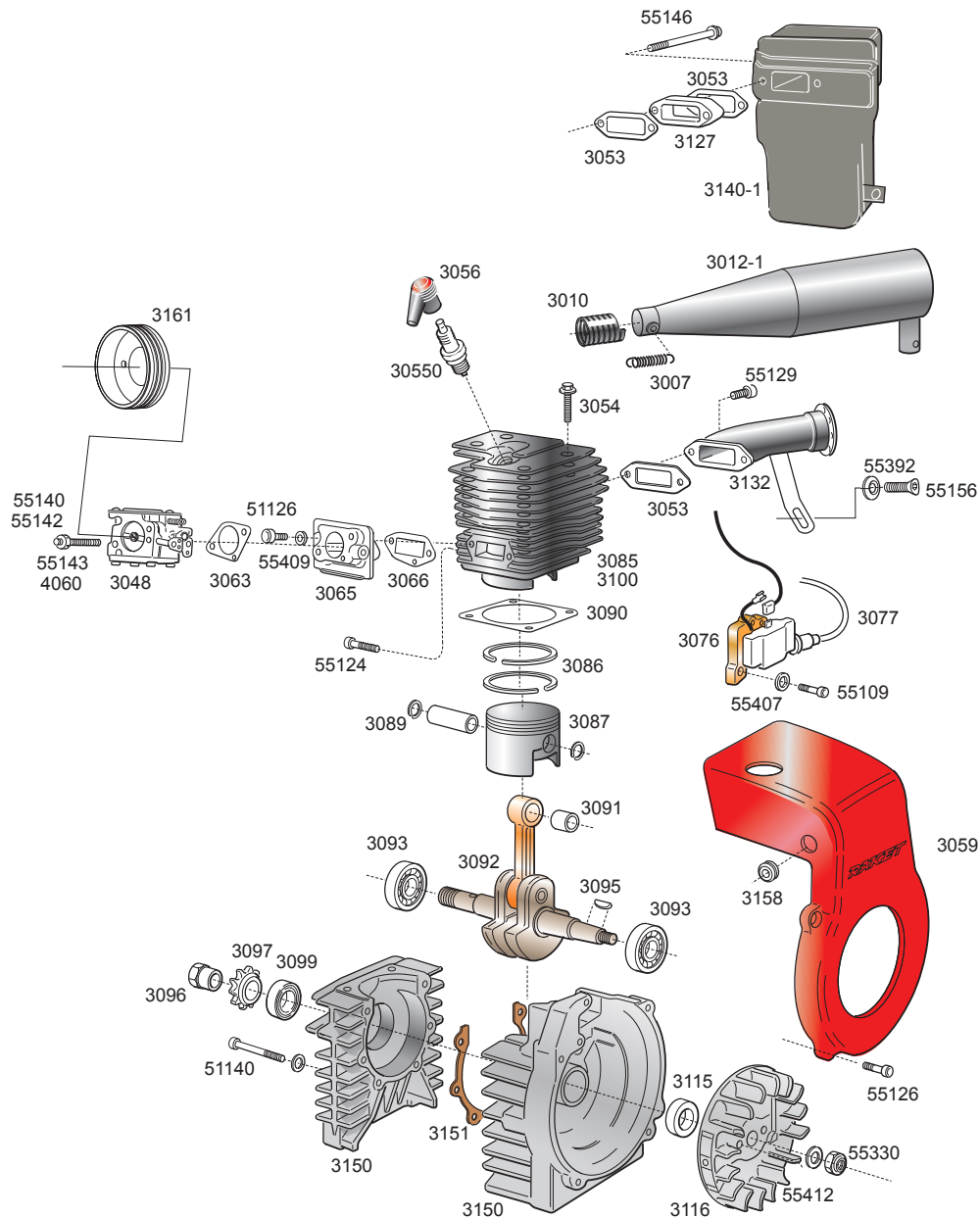


3048-1	Carburettor HS-205 A.....
30550	Spark plug NGK BPM7A.....
3056	Spark plug cap.....
3063	Carburettor gasket.....
3083	Throttle cable.....
3077	Ignition cable.....
3089	Circlip.....
3095	Key.....
3115	Oil sealing.....
3131	Axle for string disc.....
3133	Start handle.....
3134	String disc.....
3135	Magnapull spring.....
3136	Washer.....
33138	Start string, Dynema.....
3152-1	Start pal.....
3153-1	Spring.....
3154-1	Screw.....
4049	Air filter.....
4053	Exhaust gasket.....
4060	Stud 5x60.....
4060-1	Nut 5x20.....
4065	Carburettor manifold.....
4066	Inlet gasket.....
3076	Ignition system std.....
4076-1	Ignition system with rev restrictor.....
4086	Piston ring.....
4087	Piston complete.....
4090	Cylinder gasket.....

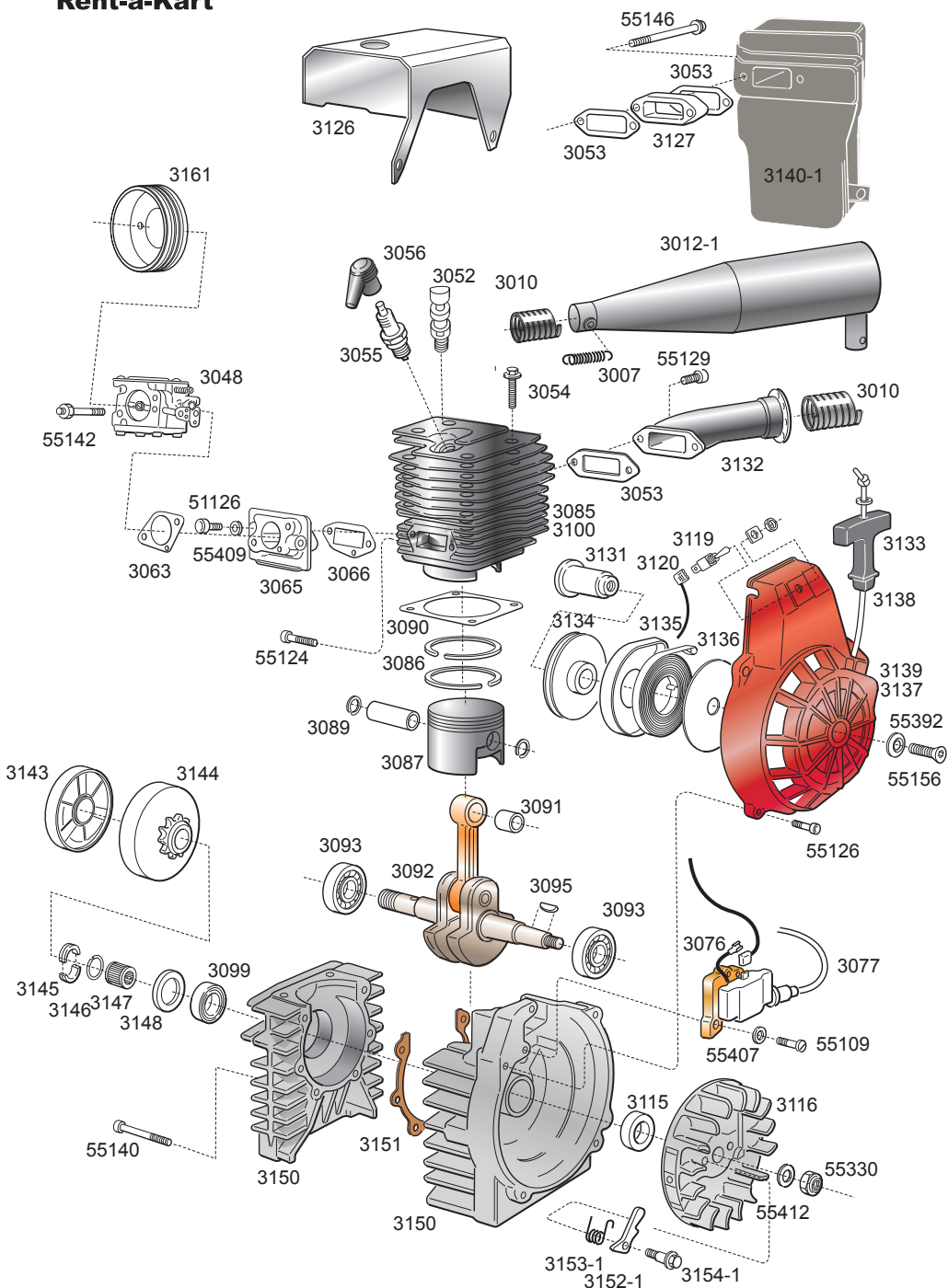
4091	Small end bearing.....
4092	Crankshaft > 06.....
4093	Main bearing 6202 C3.....
4116	Fly wheel <05.....
4117	Fly wheel >06.....
4118	Nut.....
4126	Cylinder cover.....
4127	Exhaust spacer.....
4137	Starter cover.....
4139	Starter complete.....
4140-1	Silencer with catalytic converter.....
4143	Clutch.....
4144	Clutch drum.....
4146	Circlip.....
4147	Needle bearing.....
4148	Washer.....
4149	Nut for clutch.....
4150	Crank case.....
4151	Crank case gasket.....
4177	Ignition cover.....
55109	Screw 4x20.....
55124	Screw 5x12.....
55126	Screw 5x20.....
55129	Screw 5x25.....
55137	Screw 5x40.....
55153	Screw 6x20.....
55156	Screw allen key countersunk 6x20.....
55174	Screw 6x95.....
55392	Al. washer countersunk 6x20mm.....



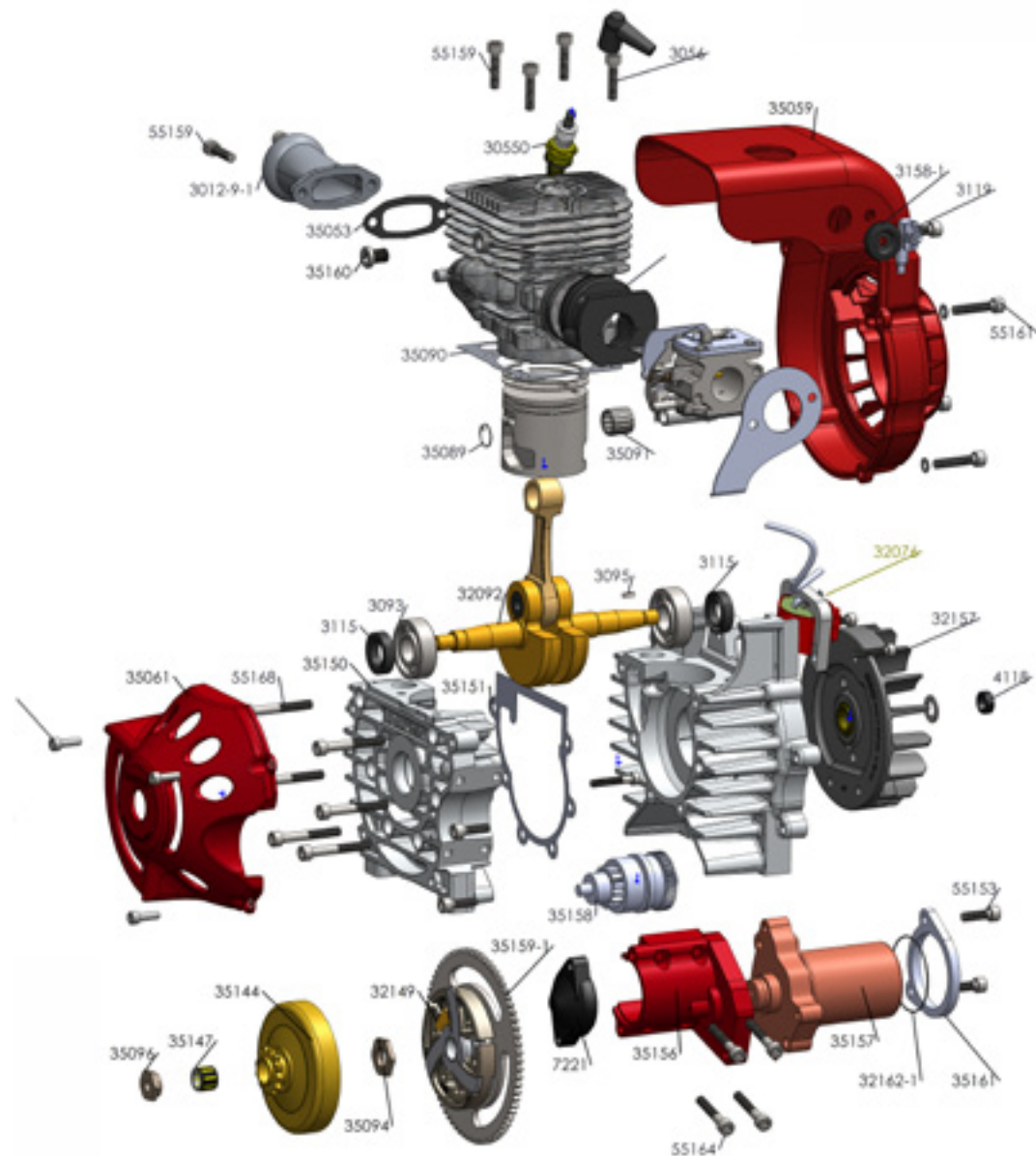
3013	Plate.....
3014	Screw.....
3015	Choke shaft.....
3016	Cap.....
3017	Main diaphragm.....
3018	Gasket.....
3019	Screw.....
3020	Expansion cap.....
3022	Screw.....
3023	Axle.....
3024	Lever.....
3025	Valve.....
3026	Spring.....
3027	Expansion cap.....
3028	Circlip.....
3029	Fuel connection.....
3030	Bushing fuel line.....
3031	Main jet.....
3032	Spring.....
3033	Ball.....
3034	Spring.....
3035	Low speed jet.....
3036	Spring.....
3037	Screw.....
3038	Throttle shaft.....
3039	Bushing.....
3040	Spring.....
3041	Plate.....
3042	Screen small.....
3043	Screen.....
3044	Screw.....
3045	Pump diaphragm Std.....
3045-1	Pump diaphragm plast.....
3045-2	Pump diaphragm Teflon.....
3046	Gasket.....
3047	Pumpcap.....



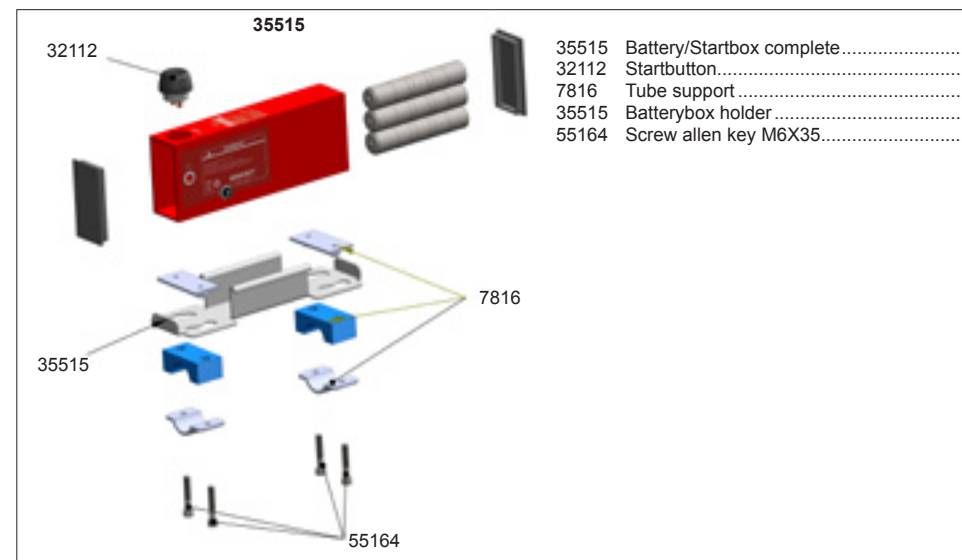
3007	Spring 40 mm.....
3010	Flex 100 mm
3012	Silencer
3012-1	Silencer catalytic converter
3048	Carburettor HS-175.....
3048-1	Carburettor HS-205.....
3053	Exhaust gasket.....
3054	Screw 5x25
30550	Spark plug
3056	Spark plug cap
3059	Air cover
3063	Carburettor gasket
3065	Flange
3066	Inlet gasket.....
3076	Ignition system
3077	Ignition cable
3085	Cylinder complete 85 cc.....
3086	Piston ring
3087	Piston complete 85 cc.....
3089	Circlip
3090	Cylinder gasket
3090-1	Cylinder gasket 0,25.....
3091	Small end bearing
3092	Crankshaft.....
3093	Main bearing SKF 6203
3095	Key
3096	Sprocket nut
3097	Engine sprocket 11 T.....
3098	Engine sprocket 10 T
3099	Oil sealing drive side
3100	Cylinder complete 100 cc.....
3101	Piston ring 100 cc.....
3115	Oil sealing ignition side
3115-1	Oil sealing ignition side teflon.....
3116	Flywheel
3127	Exhaust flange
3132	Exhaust bend
3140	Silencer
3140-1	Silencer with catalytic converter.....
3150	Crank case
3151	Crank case gasket
3158	Rubber bushing.....
3161	Carburettor flange aluminium.....
4060	Screw
55109	Screw 4x20
55126	Screw 5x20
55129	Screw 5x25
55140	Screw 5x45
55142	Screw 5x50
55143	Screw 5x55
55146	Screw 5x90
55330	Nut M8x1
55407	Washer M4
55409	Washer M5
55412	Washer M8

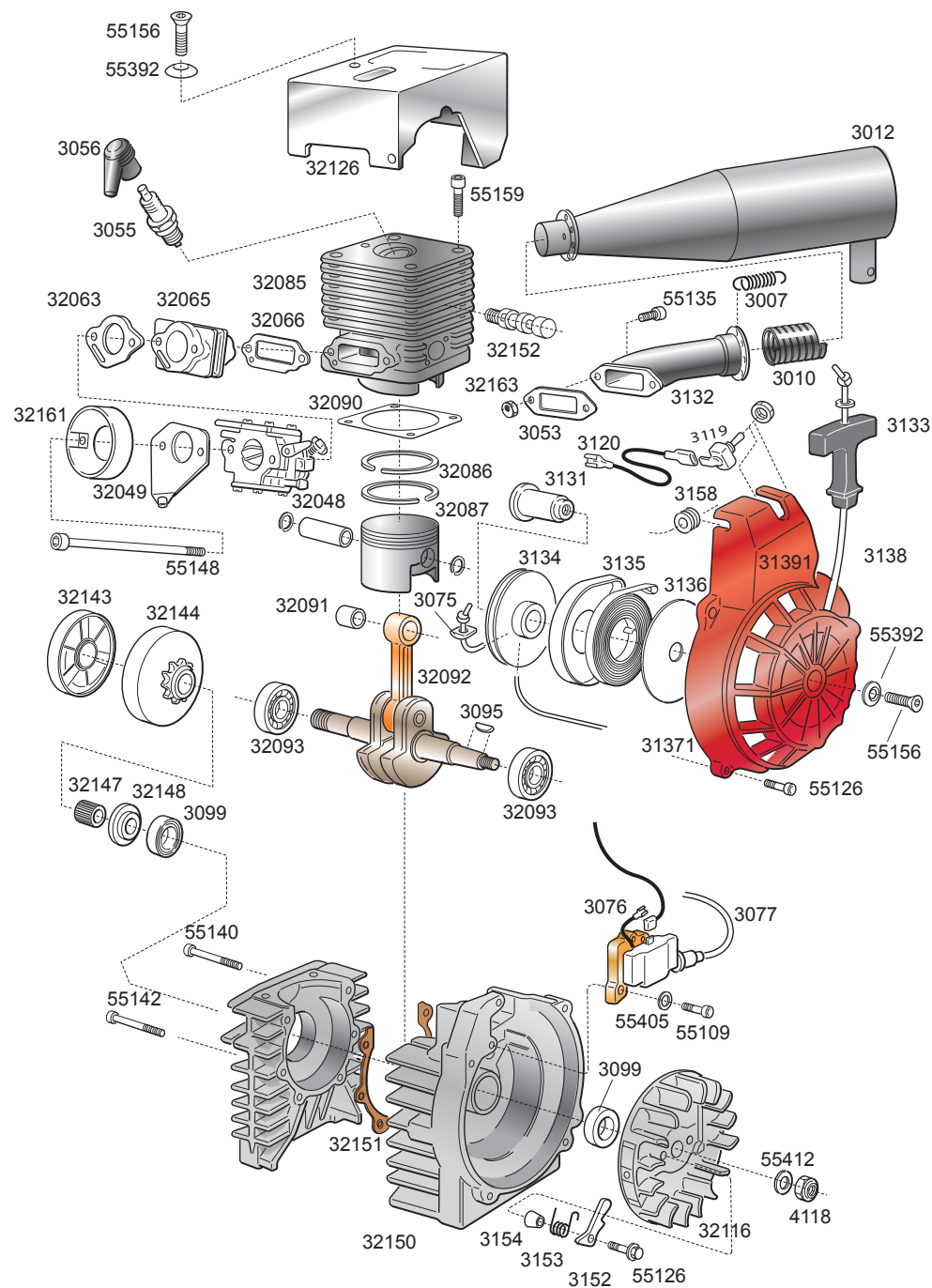


3007	Spring 40 mm.....
3010	Flex 100 mm
3012	Silencer
3048	Carburettor HS.....
3053	Exhaust gasket.....
3054	Screw 5x25
30550	Spark plug
3056	Spark plug cap
3063	Carburettor gasket
3065	Flange
3066	Inlet gasket.....
3076	Ignition system
3077	Ignition cable
3085	Cylinder complete 85 cc.....
3086	Piston ring
3087	Piston complete 85 cc.....
3089	Circlip
3090	Cylinder gasket
3091	Small end bearing
3092	Crank shaft.....
3093	Main bearing SKF 6203
3095	Key
3099	Oil sealing drive side
3115	Oil sealing ignition side
3115-1	Oil sealing ignition side teflon.....
3116	Fly wheel
3119	Stop switch.....
3120	Cable.....
3126	Cylinder cover
3127	Exhaust flange
3131	Axle for stringdisc.....
3132	Exhaust bend
3133	Start handle.....
3134	String disc
3135	Start spring.....
3136	Washer
31371	Start cover
3138	Start string, Dynema
3139	Start cover complete
3140	Silencer box type.....
3143-2	Clutch 85, >07.....
3144-1	Clutch drum >07.....
3145	Lock.....
3146	Circlip.....
3147	Needle bearing.....
3148	Washer
3150	Crank case
3152-1	Startpal
3153-1	Spring
3154-1	Screw
3161	Carburettor flange aluminium.....
55109	Screw 4 x 20
55124	Screw 5x12
55126	Screw 5x20
55129	Screw 5 x25
55142	Screw 5x50
55146	Screw 5x90
55156	Screw 6x20 countersunk.....
55330	Nut M8x1
55392	Washer M 6 counter sunk
55407	Washer M 4
55409	Washer M5
55412	Washer M8



- 3056 Spark Plug Cap
- 3093 Main Bearing 6203
- 3095 Key For Fly Wheel
- 4118 Fly Wheel Nut, Raket 60, 95, 120
- 30550 Spark Plug Ngk, Bpm 7 A
- 32076 Ignition System Selettra 95
- 32149 Clutch Spring 95, 120 - 85 07-
- 33157 Flywheel Dualstart
- 35048 Carburettor Walbro Wb-44
- 35053 Exhaust Gasket Raket 95
- 35059 Engine Cover Raket 95
- 35061 Sprocket Guard Raket 95
- 35065 Inlet Flange Raket 95
- 35066 Inlet Divider
- 35085 Cylinder Raket 95 Complete
- 35086 Piston Ring Raket 95
- 35089 Circlip Piston Raket 95
- 35090 Cylinder Gasket Raket 95
- 35091 Needle Bearing Raket 95
- 35092 Crank Shaft Complete
- 35094 Nu For Clutch Raket 95
- 35096 Nut Clutch Drum Raket 95
- 35144 Clutch Drum Raket 95
- 35147 Needle Bearing For Clutch
- 35150 Crankcase, Raket 95
- 35151 Crank Case Gasket Raket 95
- 35156 Support For Start Engine
- 35157 Start Engine Raket 95
- 35158 Bendix Startmotor Raket 95
- 35159 Starter Gear Complete Raket 95
- 35160 Plug For Sensor
- 35161 Support For Start Engine
- 35171 Carburettor Flange Raket 95
- 55159 Allen Key Screw 6X25. 10Pcs
- 32162-10-Ring Start Engine Support
- 35143-5Clutch Shoe, Raket 95, 120





3007	Spring 40 mm.....
3010	Flex
3012	Silencer
3012-1	Silencer with catalytic.....
32048	Carburettor Walbro
3053	Exhaust gasket.....
30550	Sparkplug
3056	Sparkplug cap
32063	Carburettor gasket
32065	Inlet flange.....
32066	Inlet gasket.....
3075	Stringlock
3076	Ignition system
3077	Ignition cable
3099	Oilsealing sprocket side.....
3152	Starhake
3158	Rubber bushing.....
32085	Cylinder complete
32086	Piston ring
32087	Piston complete 120 cc.....
32090	Cylinder gasket
32091	Needlebearing.....
32092	Crankshaft.....
32093	Mainbearing SKF 6203
3095	Key
3099	Oilsealing
3119	Stop switch
3120	Stop cable
3132	Exhaust bend
3133	Starhandle.....
3138	Startstring, Dynema
31391	Starter complete.....

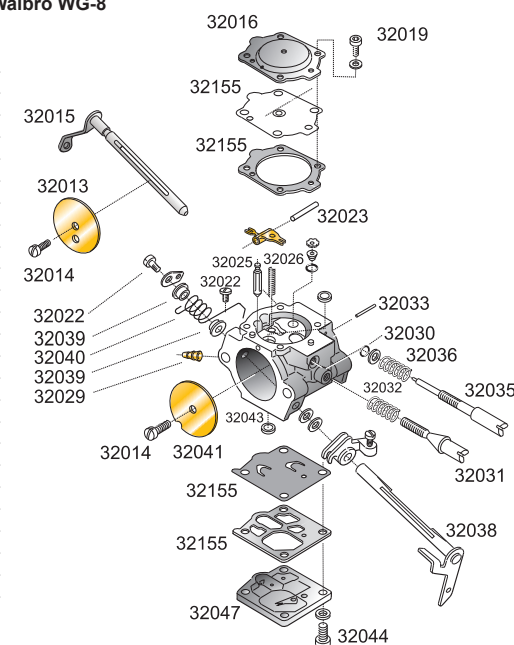
32116	Flywheel
32126	Cylinder cover
32143	Clutch
32144	Clutchdrum 12 t.....
32144-1	Clutchdrum 11 t.....
32148	Spacer for clutch
32150	Crankcase
32163	Exhaust nut
32049	Vire support.....
32147	Needle bearing clutchdrum.....
32151	Crankcase gasket
32152	Decompression valve.....
4118	Flywheel nut
55140	Screw 5x45
55142	Screw 5x50
55109	Screw 4x20
55126	Screw 5x20
55135	Screw 5x30
55148	Screw 5x100
55156	Screw countersunk 6x22.....
55159	Screw 6x25
55392	Aluminium wahser counters. 6x20
55405	Washer M4.....
55412	Washer M8.....

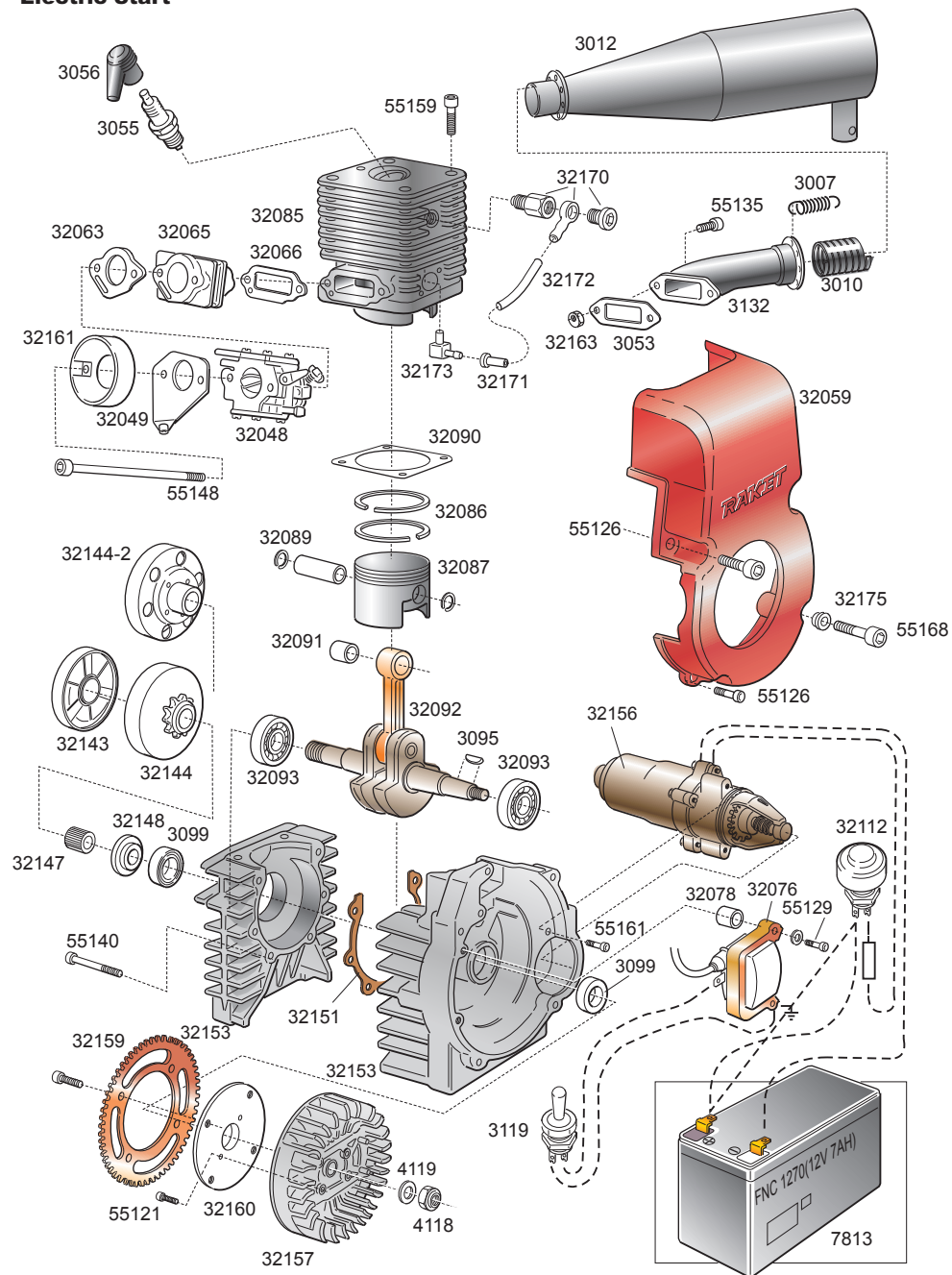
RAKET
original



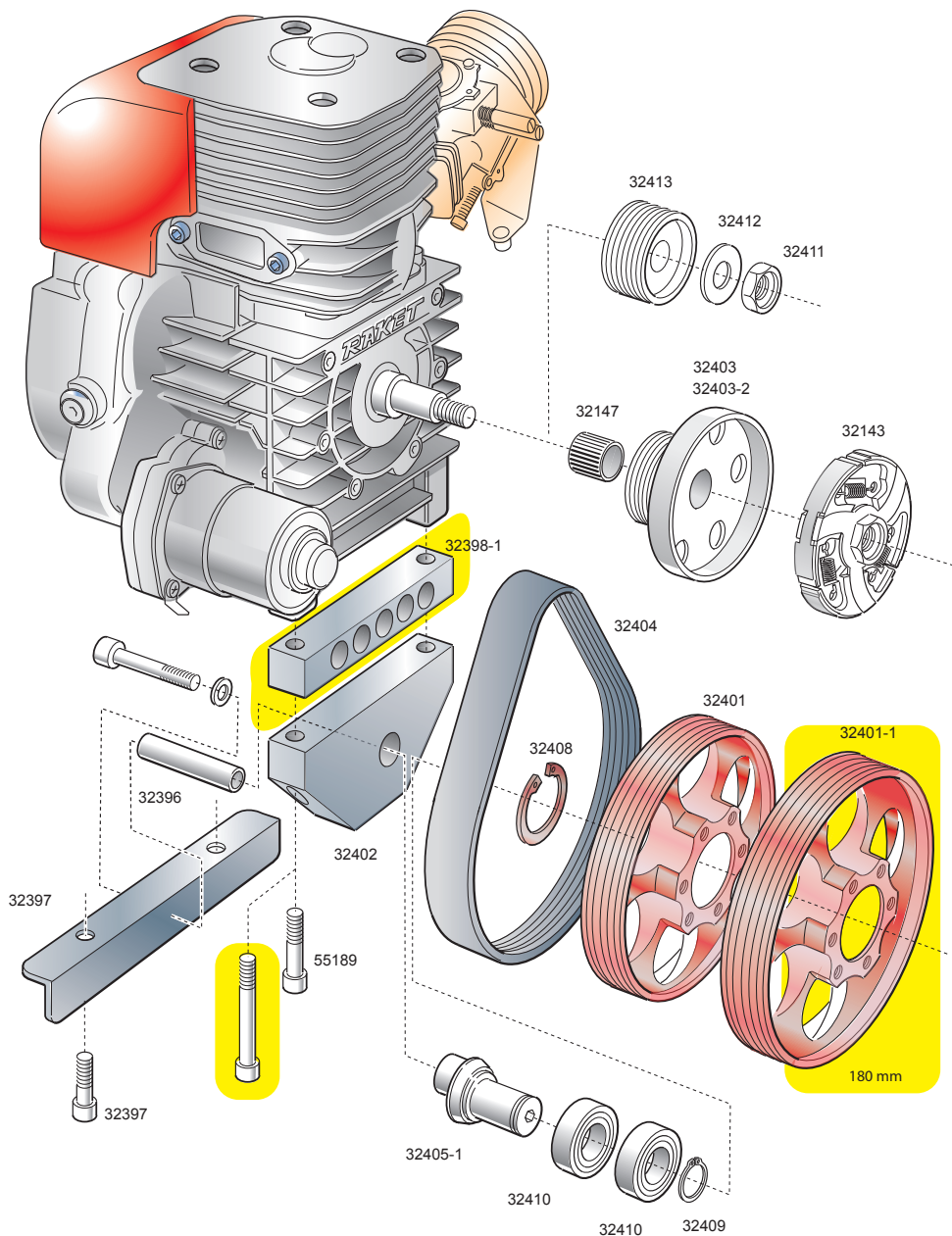
Walbro WG-8

32013	Choke plate
32014	Screw
32015	Choke shaft
32016	Cap
32019	Screw
32022	Screw
32023	Axle
32024	Lever
32025	Valve
32026	Spring
32029	Petrol connecton
32030	O-Ring
32031	Idle screw
32032	Spring
32033	Pin
32035	Low jet.....
32036	Spring
32038	Throttle axle
32039	Bushing
32040	Spring
32041	Plate
32043	Screen
32044	Screw
32047	Cap
32155	Diaphragm kit





3007	Spring 40 mm
3010	Flex
3012	Silencer
3012-1	Silencer catalytic converter
3053	Exhaust gasket
30550	Spark plug
3056	Spark plug cap
3099	Oil sealing
3095	Key
3119	Stop switch
3132	Exhaust bend
32063	Carburettor gasket
32065	Flange
32066	Inlet gasket
32048	Carburettor Walbro
32059	Fan cover
32063	Carburettor gasket
32066	Inlet gasket
32076	Ignition System
32078	Spacer ignition system
32089	Circlip piston
32085	Cylinder complete
32086	Piston ring
32087	Piston complete 120 cc
32090	Cylinder gasket
32091	Small end bearing
32092	Crankshaft
32093	Main bearing SKF 6203
32049	Throttle cable support
32112	Start button
32157	Fly wheel
32143	Clutch
32144	Clutch drum 12 t
32144-1	Clutch drum 11 t
32144-2	Clutch drum for belt-drive
32147	Needle bearing clutch drum
32148	Spacer for clutch
32151	Crank case gasket
32153	Crank case
32156	Start engine complete
32159	Start sprocket
32160	Hub start sprocket
32161	Inlet flange aluminium
32163	Exhaust nut
32170	Decompression valve automatic
32171	Valve bushing
32172	Valve tube
32173	Vacum connection
32174	Automatic decompression
32175	Bushing for cover
4118	Flywheel nut
55121	Screw allen key 5x8
55124	Screw allen key 5x12
55129	Screw allen key 5x25
55135	Screw allen key 5x30
55140	Screw allen key 5x45
55142	Screw allen key 5x50
55147	Screw allen key 5x90
55148	Screw allen key 5x100
55161	Screw allen key 6X30
55168	Screw allen key 6x45
55412	Washer M8
7813	Battery

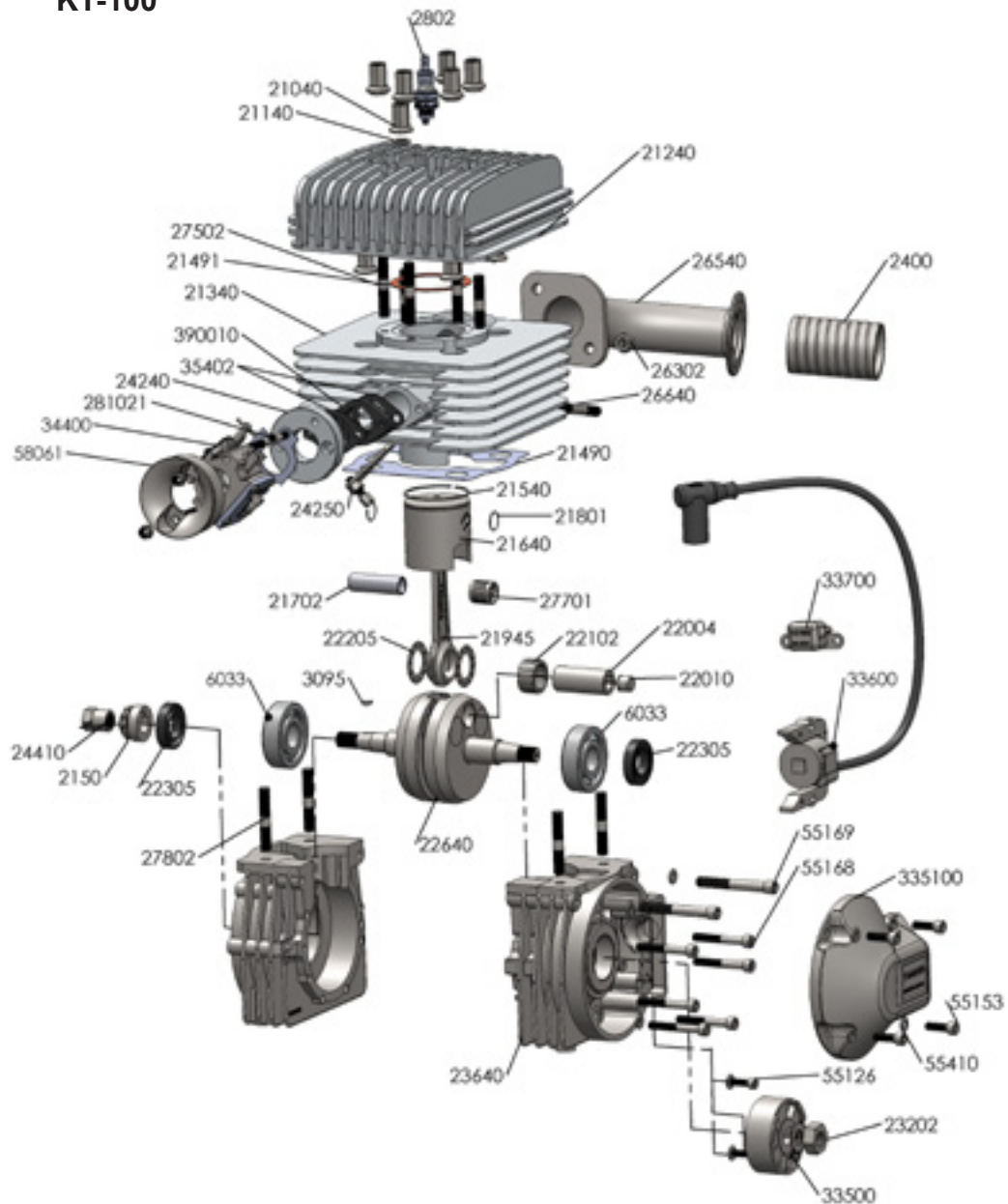


32143	Clutch
32147	Needle bearing
32396	Spacer
32397	Support
32401	Pulley 150 mm
32401-1	Pulley 180 mm
32402	Console for reduction drive
32403	Clutch drum for belt 50 mm
32403-2	Clutch drum for belt 45 mm
32404	Belt PJ0559 for 150 mm
32404-2	Belt PJ 660 for 180 mm
32405	Axle, Reduction gear
32405-1	Axle Exenter
32406	Spacer washer
32407	Washer 34 mm
32408	Circlip 42 mm
32409	Circlip 20 mm
32410	Bearing 6004 RSH
32412	Washer
32413	Pulley
55182	Screw allen key 8x20
55189	Skrew, allen key 8x40
55204	Screw allen key 8x85
55344	Nut M14X1,5 locking

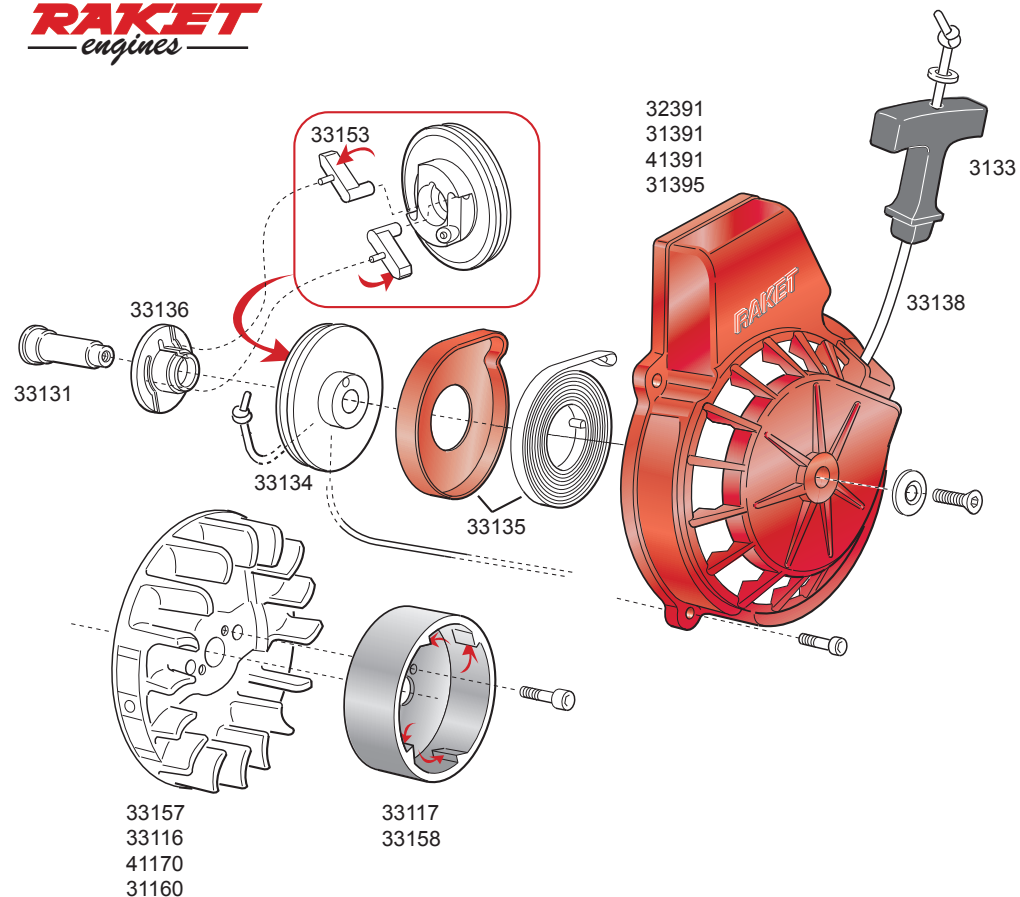


Reduction gear for Raket 120 complete reduction gear for your Raket 120 engine. Very simple to mount on your existing Raket 120 engine.

32400	Ratio 1:3
32400-1	Ratio 1:3.3
32400-2	Ratio 1:4
32400-3	Ratio 1:3,6



2150	Engine sprocket 10 t.....
2400	Flex 45 mm.....
2802	Sparkplug NGK B9-EG.....
3095	Key
55126	Insexskruv M5 x 20.....
55153	Insexskruv M6 x 20.....
55168	Insexskruv M6 x 45.....
55169	Insexskruv M8 x 60.....
55410	Bricka M6.....
6033	Mainbearing 6304.....
Y21040	Nut.....
Y21240	Cylinderhead
Y21340	Cylinder
Y21490	Cylindergasket std.....
Y21490	Cylindergasket 0.15.....
Y21490	Cylindergasket 0.15.....
Y21491	Cupper washer
Y21540	Pistonring Yamaha.....
Y21640	Piston Yamaha.....
Y21702	Piston pin.....
Y21801	Circlip.....
Y21945	Conrod.....
Y22004	Small end pin.....
Y22010	Plug
Y22102	Small end bearing.....
Y22205	Washer big end pin.....
Y22305	Oilsealing.....
Y22640	Crank shaft complete.....
Y23202	Nut for flywheel.....
Y23640	Crank case
Y24240	Carburettor flange.....
Y24250	Throttlecable support.....
Y24410	Sprocket nut
Y26540	Exhaust bend.....
Y26302	Exhaust nut.....
Y26640	Stud for exhaust
Y27502	Stud cylinder head.....
Y27701	Small end bearing.....
Y27802	Stud cylinder.....
Y28102	Carburettor stud.....
Y33600	Ignitionsystem
Y33700	Ignition electronic box.....
Y34400	Walbro WB3A Carburettor
Y58061	Carburettor gasket.....
Y281021	Stud carburettor.....
Y33500	Flywheel
Y335100	Ignition cover
Y390010	Spacer for carburettor.....



3133	Start handle
33138	Start string Dynema
31391	Start unit complete 120 Aero/Racing
32391	Start unit complete 120 DualStart
41391	Start unit complete 60
31395	Start unit complete 85
33131	Axle string disc 07>
33136	Friction ring
33134	String disc 07>
33135	Magnapull spring 07>
33153	Start boss
33157	Flywheel 120 DualStart
33116	Flywheel 120 Ropestart
41170	Flywheel 60
31160	Flywheel 85
33158	Flywheel hub 120 DualStart
33117	Flywheel Hub 60, 85, 120



41391 Raket 60



31395 Raket 85



31391 Raket 120 Aero / Racing



32391 Raket 120 Dual Start

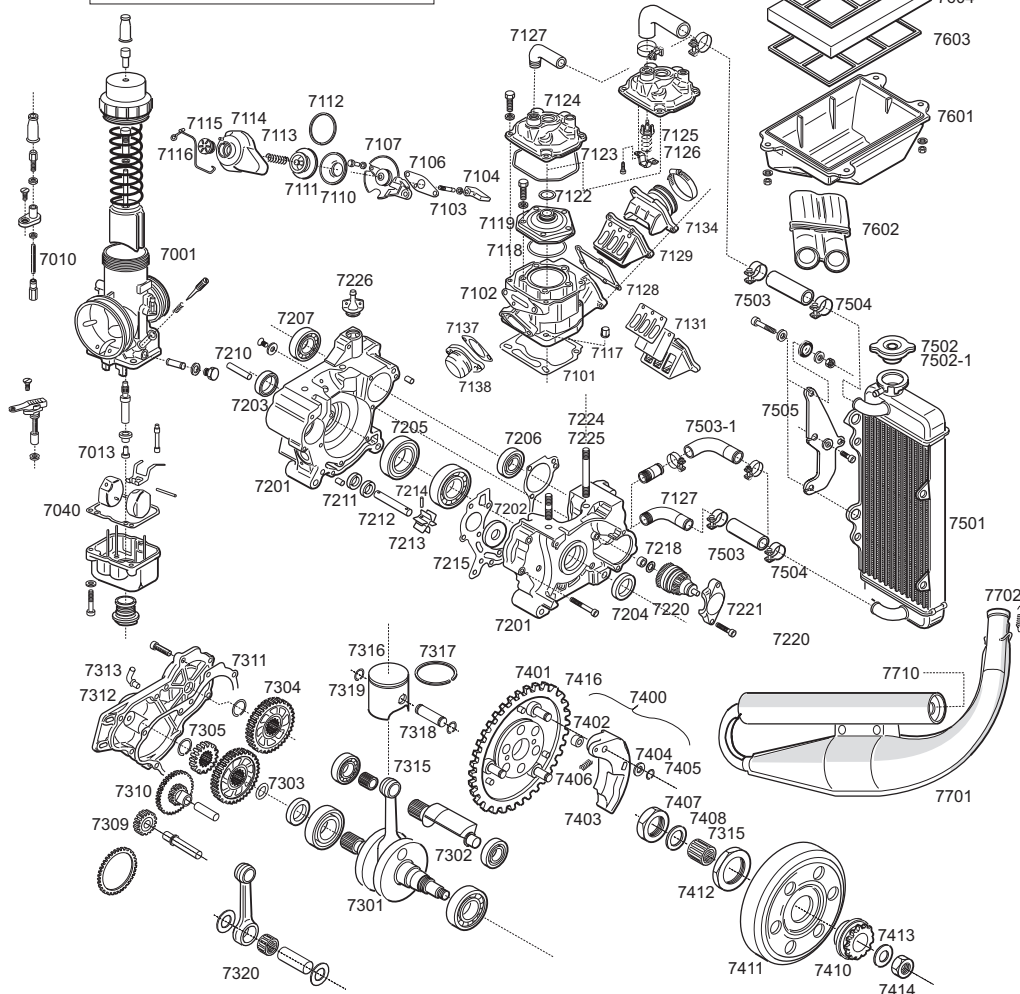
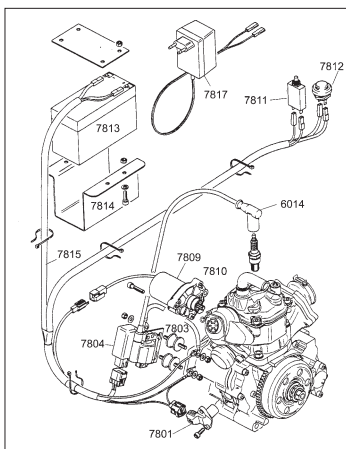
Rope start system in a complete new construction in very strong fiberglass armed Polyamid plastic

- less movable parts
- high precision
- new longer magnapull spring that makes it almost impossible to break the start rope
- lower weight
- new start string made of Dynema fiber, it is up to 10 times stronger than steel.

The rope start system can be fitted to an older Raket engine, but you need to replace the flywheel to the new model.

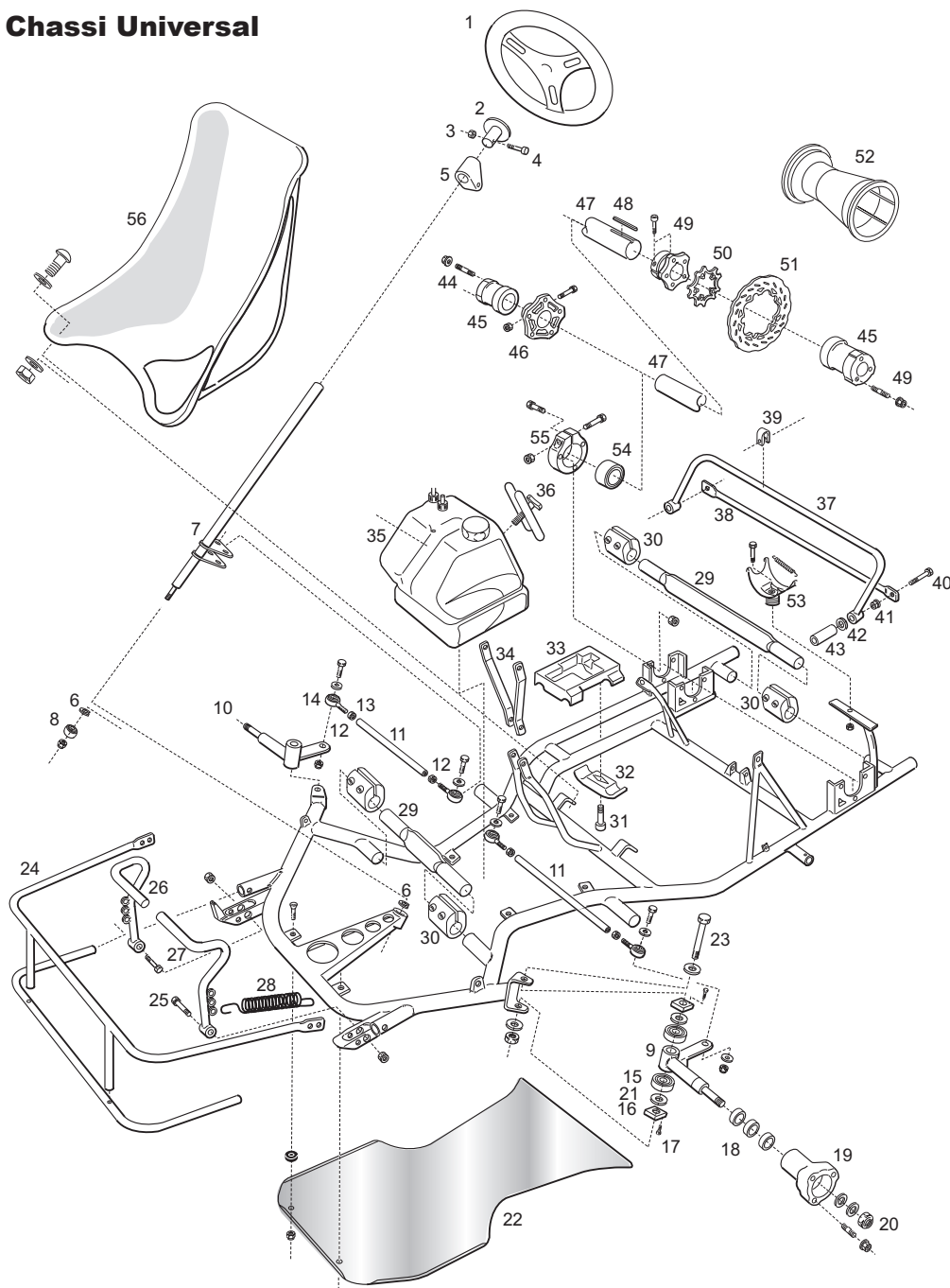
41391	Startcover complete Raket 60
31395	Startcover complete Raket 85
31391	Startcover complete Raket 120 Aero/Racing
32391	Startcover complete Raket 120 Dual Start





7001	Carburettor Dell'Orto 34 Mm	7215	Crankcase gasket
7002	Carburettor cover with bent tube	7218	Needle bearing 8x12x8
7003	Plug screw	7220	Bendix startmotor
7005	Leaver carburettor	7221	Start gear cover
7006	Axle leaver	7224	Stud M8x57
7007	Fuel filter Rotax	7225	Stud M8x28
7008	Fuel sieve kit	7226	Air ventilation screw
7010	Jet needle K 98	7300	Locking washer
7010-1	Jet needle K 27	7301	Crankshaft cpl
7023	Main jet kit145-158	7302	Balance shaft
7014	Main jet kit 160-172	7303	O-Ring 18 x 3.5
7015	Main jet kit 175-188	7304	Balance shaft gear
7017	Low speed jet 60	7305	Drive gear
7017-1	Low speed jet 30	7307	Washer
7018	Needle jet FN 266	7308	Needle pin
7019	Needle valve 150 Rotax	7309	Water pump sprocket
7021	Idle jet insert 60	7310	Water pump sprocket
7021-1	Idle jet insert 30	7311	Gasket transmisson cover
7022	Float 3,6 gr	7312	Gear cover
7022-1	Float 5,2 gr	7313	Impulse fitting
7025	Throttle cable fixation kit	7315	Small end bearing
7030	Clip	7316	Piston 97, 98, 99, 00
7040	Gasket set carburettor	7318	Piston pin
7043	Petrolpump Mikuni Df 44-210	7319	Circlip
7044	Gasket set petrolpump	7320	Connecting rod cpl
7101	Cylindergasket 0.2-0.8	7400	Repair kit clutch
7102-2	Cylinder Rotax Max 09	7401	Starter gear cpl
7102-3	Cylinder Rotax Max Junior 09	7403	Clutch shoe
7103	Stud 6x30	7407	Nut M20x1.5
7104	Exhaust valve	7408	Thrust washer
7105	O-ring 6,0x3,0 exhaust valve	7410	Engine sprocket 11,12,13,14,15,16
7106	Valve gasket	7411	Clutch drum
7107	Valve house	7412	Nut M28x1
7110	Flexi rubber	7413	Thrust washer
7111	Exhaust valve piston	7413-1	Thrust washer 11T sprocket
7112	Spring exhaust valve	7414	Nut 10x1
7113	Compression spring	7415	Plain bearing 11 T sprocket
7114	Valve cover	7416	Clutch support 1,2 mm
7115	Adjusting screw	7413-1	Clutch support 1,5 mm
7116	Locking spring	7417	Guiding pin sprocket
7117	Cylindernut M8	7418	Starter gear 09
7118	O-Ring 64x2	7419	Clutch (11,6) 09
7119	Cylinder head	7421	Clutch drum 09
7120	Thermostat retaining bracket	7422	Balance shaft gear 09
7122	O-Ring 23.3 x 2.4	7423	Retrofit kit clutch 09
7123	O-Ring 105 x 2.5	7501-1	Radiator cpl.Rotax 2003-
7124	Cylinderhead outer for thermostat	7503-1	Cooling water hose 2003-
7125	Thermostat 45 g	7504	Clamp cooler
7125-1	Spring thermostat	7505-1	Retaining plate 2003-
7125-2	Screw thermostat	7506	Support tube cooler
7126	Thermostat holder	7507	Rubber grommet
7127	Water bend socket	7508	Distance sleeve
7127-1	Water hose connection	7601-1	Inlet silencer bottom 07-
7128	Reedgasket	7602	Inlet silencer tube
7129	Reed valve cpl	7603	Filer holder
7131	Reed pedal	7604	Airfilter
7134	Carburettor flange	7605-1	Inlet silencer top 07-
7137	Exhaust gasket	7606	Carburettor flange rubber
7138	Exhaust flange	7607-1	Support for inlet silencer 07-
7201	Crankcase cpl	7701	Silencer Rotax Max..
7203	Oil sealing 28x38x7	7702	Spring exhaust 66 mm
7204	Oil sealing 25x38x7	7710	Inside tube Rotax silencer
7205	Main bearing 6206 TNH C4	7711	Isolating mat
7206	Main bearing 6302 TN9/C3	7801	Ignition pickup
7207	Bearing 6005 TNH C3	7803	Rubber buffer
7210	Needle pin 6x40	7804	Ignition coil
7211	Oil sealing 10x26x7	7805	Spark plug cap
7212	Pump axle w impeller	7809	Startengine
7214	Needle pin 4x16		

Chassi Universal



This is a standard view of a kart, any type. Find the position number in the table on the next pages

Pos	Art nr Partno	Namn Name	CRG	CRG Mini	Yam	Dino	Uni	Sida	
1		Ratt/Steering wheel	-	-	-	-	-	60	
2	8090	Rattnav/Steering wheel hub	X	X	X	X	X	60	
3	55321	Mutter M6/Nut M6, 10 pack	X	X	X	X	X	124	
4	55164	Insexskruv 6x35 mm/Screw allen key 6x35 mm	X	X	X	X	X	124	
5	8095	Rattstångslager/Steering column bushing	X	X	X	X	X		
6	8107	Låsring/Locking ring	X	X	X		X		
7	8091	Rattstång CRG/Steering column	X	X					
	Y15800	Rattstång Yamaha/Steering column			X				
8	8106	Kulled rattstång/Ball bearing steering wheel	X	X	X		X	92	
	1270	Kulled rattstång/Ball bearing steering wheel				X		92	
9	8117-1	Styrspindel vänster/Stub axle left		X					
	1070	Styrspindel vänster/Stub axle left				X			
	8117	Styrspindel vänster/Stub axle left	X						
	8117-2	Styrspindel vänster 11 gr./Stub axle left 11 degr.	X						
	8117-3	Styrspindel vänster 13 gr./Stub axle left 13 degr.	X						
	8439	Styrspindel vänster 125/Stub axle left 125	X						
	Y16905	Styrspindel vänster/Stub axle left			X				
	Y16870	Styrspindelaxel Yamaha/Axle			X				
10	1060	Styrspindel höger/Stub axle right				X			
	8118-2	Styrspindel höger 11 gr./Stub axle right 11 degr.	X						
	8463	Styrspindel höger 125/Stub axle right 125	X						
	8118-3	Styrspindel höger 13 gr./Stub axle right 13 degr.	X						
	Y16805	Styrspindel höger/Stub axle right			X				
	8118-1	Styrspindel höger/Stub axle right		X					
11	Y16406	Styrstag 270 mm/Tie rod 270 mm			X			95	
	Y16407	Styrstag 290 mm/Tie rod 290 mm			X			95	
	5157	Styrstag 190 mm/Tie rod 190 mm		X			X	95	
	5158	Styrstag 200 mm/Tie rod 200 mm		X			X	95	
	5161	Styrstag 204 mm/Tie rod 204 mm		X			X	95	
	5169	Styrstag 210 mm/Tie rod 210 mm					X	95	
	5159	Styrstag 225 mm/Tie rod 225 mm					X	95	
	5165	Styrstag 230 mm/Tie rod 230 mm					X	95	
	5160	Styrstag 240 mm/Tie rod 240 mm					X	95	
	5167	Styrstag 245 mm/Tie rod 245 mm				X	X	95	
	5162	Styrstag 250 mm/Tie rod 250 mm	X				X	95	
	5168	Styrstag 260 mm/Tie rod 260 mm	X				X	95	
	5163	Styrstag 265 mm/Tie rod 265 mm	X				X	95	
	5164	Styrstag 280 mm/Tie rod 280 mm					X	95	
	5166	Styrstag 290 mm/Tie rod 290 mm					X	95	
	5170	Styrstag plast 245 mm/Tie rod plastic 245 mm	X						
12	1165	Mutter M8 vänster/Nut M8 left	X	X	X	X	X	124	
	Y16411	Konisk mutter vänster/Conical nut left			X				
13	55324	Mutter M8 höger / Nut M8 Right, 10 pack	X	X		X	X		
	Y16410	Konisk mutter höger/Conical nut right			X				
14	1160	Kulled höger inv./Ball bearing female	X	X		X	X	92	
	1161	Kulled höger utv./Ball bearing male	X	X		X	X	92	
	1163	Kulled vänster inv./Ball bearing female			X			92	
	1162	Kulled vänster utv./Ball bearing male	X	X		X	X	92	
15	1140	Kullager 608 2Z/Bearing 608 2Z	X	X		X	X	92	
	1142	Kullager 6000 RSH/Bearing 6000 RSH			X			92	
16	8125	Spindeljust.bricka höger/Caster adj. washer right	X	X					
	8125-1	Spindeljust.bricka vänster/Caster adj. washer left	X	X					
17	8124	Skruv M4x6/Screw M4x6	X	X					
18	8128	Distans 5 mm/Spacer 5 mm	X	X	X	X	X		
	8129	Distans 10 mm /Spacer 10 mm	X	X	X	X	X		
19	8709	Nav magn. fram/Hub magn. front	X	X	X	X	X		

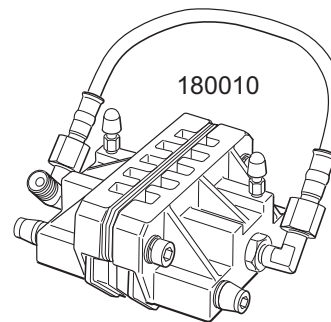
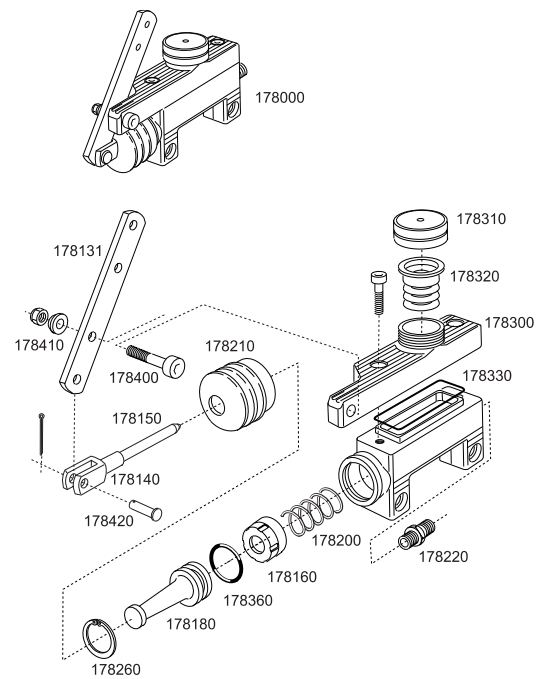
Pos	Art nr Partno	Namn Name	CRG	CRG Mini	Yam	Dino	Uni	Sida	
20	55344	Mutter M14 x 1.5 /Nut M14 x 1.5	X	X	X		X	124	
	55338	Mutter M10/Nut M10, 10 pack				X		124	
21	8120	Distans 5 mm/Spacer 5 mm	X	X					
22	8015	Bottenplåt/Aluminium floor tray	X	X					
	Y11502	Bottenplåt/Aluminium floor tray			X				
23	8123	Spindelbult CRG/Bolt stub axle CRG	X						
	8123-1	Spindelbult CRG Mini/Bolt stub axle CRG Mini		X					
	Y16500	Spindelbult 70 mm/Bolt stub axle 70 mm			X				
	Y165800	Spindelbult 80 mm/Bolt stub axle 80 mm			X				
24	8041	Frambåge/Front bumper	X	X					
	Y11101	Frambåge/Front bumper			X				
25	8025	Pedalbult/Pedal bolt	X	X					
26	8022	Gaspedal/Speed pedal	X	X					
	Y11300	Gaspedal/Speed pedal			X				
27	8021	Bromspedal/Brake pedal	X	X					
	Y11400	Bromspedal/Brake pedal			X				
28	5097	Pedalfjäder/Pedal spring	X	X	X	X	X		
29	802602	Stabiliseringsrör/Stabilizer, 25x235 mm	X	X				57	
	802604	Stabiliseringsrör/Stabilizer, 25x430 mm	X	X				57	
	802608	Stabiliseringsrör/Stabilizer, 30x300 mm	X	X				57	
	802610	Stabiliseringsrör/Stabilizer, 30x480 mm	X	X				57	
30	802622	Klammer 25 mm/Bracket 25 mm		X				57	
	802624	Klammer 28 mm/Bracket 28 mm	X					57	
31	55240	Skruv M10x40/Screw M10x40	X	X	X	X	X	124	
32	3005	Underfall 28/30/Engine mount base 28/30			X	X	X	100	
	8040-4	Underfall magn./Engine mount base magn.30 mm	X	X				100	
	8040-1	Underfall 25 mm/Engine mount base 25 mm		X				100	
	8040	Underfall 28 mm/Engine mount base 28 mm		X				100	
	8040-2	Underfall 30 mm/Engine mount base 30 mm	X	X				100	
	8040-3	Underfall 32 mm/Engine mount base 32 mm	X					100	
33	3004	Motorfäste 28/30/Engine mount 28/30			X	X	X	100	
	8039-1	Motorfäste 25 mm/Engine mount 25 mm		X				100	
	8039	Motorfäste 28 mm/Engine mount 28 mm		X				100	
	8039-2	Motorfäste 30 mm/Engine mount 30 mm	X					100	
	8038-3	Motorfäste magn./Engine mount magn., 30 mm	X					100	
	8038	Motorfäste magn./Engine mount magn., 32 mm	X					100	
34	8052	Fäste rattkäpa nedre/Support front panel lower	X	X	X	X	X		
	8047	Fäste rattkäpa övre/Support front panel upper	X	X	X	X	X	57	
	5796	Fäste rattkäpa univ./Support front panel univ.	X	X	X	X	X	57	
35		Tank/Petrol tank						98	
36	8077-2	Skruv till tank/Screw for petrol tank	X	X	X	X	X	98	
37	8057	Bakbåge/Rear bumper	X						
	8057-1	Bakbåge/Rear bumper		X					
	Y11201	Bakbåge/Rear bumper			X				
38	8055-1	Rör bakbåge/Tube rear bumper, 550 mm		X			X	57	
	8055-2	Rör bakbåge/Tube rear bumper, 580 mm					X	57	
	8055-3	Rör bakbåge/Tube rear bumper, 590 mm					X	57	
	8055-4	Rör bakbåge/Tube rear bumper, 610 mm	X				X	57	
	8055-5	Rör bakbåge/Tube rear bumper, 630 mm			X		X	57	
39	8056	Fäste nummerplåt/Clamps number plate	X	X	X	X	X		
40	55210	Skruv bakbåge/Screw rear bumper	X	X				124	
41	8060-1	Bussning till extra rör/Bushing extra tube	X	X					
42	8059	Distans 28 mm/Spacer 28 mm		X					
	8059-1	Distans 30 mm/Spacer 30 mm	X						
	8059-2	Distans 32 mm/Spacer 32 mm	X						
	8059-5	Distans 25 mm/Spacer 25 mm		X					

Pos	Art nr Partno	Namn Name	CRG	CRG Mini	Yam	Dino	Uni	Sida	
43	8058	Gummibussning 28 mm/Rubber bushing 28 mm		X					
	8058-1	Gummibussning 30 mm/Rubber bushing 30 mm	X						
	8058-2	Gummibussning 32 mm/Rubber bushing 32 mm	X						
	8058-5	Gummibussning 25 mm/Rubber bushing 25 mm		X					
	Y14200	Gummibussning/Rubber bushing			X				
44	5113	Pinnbult 8x35/Pin bolt 8x35	X	X	X	X	X	125	
45	8132-2	Nav 40 mm/Hub 40 mm	X	X	X	X	X	83	
	5101	Nav 25 mm/6/Hub 25 mm/6	X	X	X	X	X	83	
	5105	Nav 30 mm/6, lång/Hub 30 mm/6, long	X	X	X	X	X	83	
	5103	Nav 30 mm/6/Hub 30 mm/6	X	X	X	X	X	83	
	5103-1	Nav 30 mm/8/Hub 30 mm/8	X	X	X	X	X	83	
	5106	Nav 30 mm/8, lång/Hub 30 mm/8, long	X	X	X	X	X	83	
	5102	Nav 35 mm/6/Hub 35 mm/6	X	X	X	X	X	83	
	5102-1	Nav 35 mm/8/Hub 35 mm/8	X	X	X	X	X	83	
	5032	Nav 35 mm/8, lång/Hub 35 mm/8, long	X	X	X	X	X	83	
	5104	Nav 40 mm/8/Hub 40 mm/8	X	X	X	X	X	83	
	5029	Nav 40 mm/8, ext. lång/Hub 40 mm/8, ext. long	X	X	X	X	X	83	
	5028	Nav 40 mm/8, lång/Hub 40 mm/8, long	X	X	X	X	X	83	
	5176	Nav gul /Hub yellow - 100x30 mm, 6/8 mm	X	X	X	X	X	83	
	5177	Nav gul/ Hub yellow - 100x40 mm	X	X	X	X	X	83	
	5172	Nav gul/ Hub yellow - 75x30 mm, 6/8 mm	X	X	X	X	X	83	
	5173	Nav gul/ Hub yellow - 75x40 mm	X	X	X	X	X	83	
46	5107	Drevcentrum, 25 mm/6/Sprocket hub, 25 mm/6			X	X	X	89	
	5107-1	Drevcentrum, 25 mm/8/Sprocket hub, 25 mm/8		X	X	X	X	89	
	5108	Drevcentrum, 30 mm/6/Sprocket hub, 30 mm/6			X	X	X	89	
	5108-1	Drevcentrum, 30 mm/8/Sprocket hub, 30 mm/8	X	X		X	X	89	
	5024	Drevcentrum, 35 mm/6/Sprocket hub, 35 mm/6				X	X	89	
	5024-1	Drevcentrum, 35 mm/8/Sprocket hub, 35 mm/8	X			X	X	89	
	5100	Drevcentrum, 40 mm/8/Sprocket hub, 40 mm/8	X	X		X	X	89	
	5186	Drevcentrum /Sprocket hub, 30 mm/6/8	X	X	X	X	X	89	
	5187	Drevcentrum/Sprocket hub, 40 mm	X	X	X	X	X	89	
	5188	Drevcentrum magn./Sprocket hub magn, 50 mm/8	X			X	X	89	
47	8140	Bakaxel 50 mm, svart/Rear axle 50 mm, black	X					94	
	1450	Bakaxel 25x1000 mm/6/Rear axle 25x1000 mm/6					X	94	
	Y14704	Bakaxel 30 mm/Rear axle 30 mm			X			94	
	8136	Bakaxel 35 mm/Rear axle 35 mm	X				X	94	
	8137-2	Bakaxel 40 mm, hård/Rear axle 40 mm, hard	X				X	94	
	8141-1	Bakaxel, hård/Rear axle, hard, 40x900 mm		X				94	
	8137	Bakaxel, medium/Rear axle, medium, 40 mm	X				X	94	
	8141-2	Bakaxel, medium/Rear axle, medium, 40x900 mm		X				94	
	8137-1	Bakaxel 40 mm, mjuk/Rear axle, 40 mm, soft	X				X	94	
	8141-3	Bakaxel, mjuk/Rear axle, soft, 40x900 mm		X				94	
	8137-4	Bakaxel 40 mm, svart/Rear axle, 40 mm, black	X				X	94	
	Y14745	Bakaxel 40 mm/Rear axle, 40 mm			X			94	
	8135	Bakaxel, 30x900 mm/Rear axle, 30x900 mm		X				94	
48	1530	Kil 6x70 mm/Key 6x70 mm			X	X	X		
	1533-1	Kil med tappar/Key with plug – 8 mm, cc 34 mm	X	X					
	1533	Kil med tappar/Key with plug – 8 mm, cc 30 mm	X	X					
	8134-2	Kil 8x5x100 mm/Key 8x5x100 mm	X	X					
	8034	Kil 8x5x40 mm/Key 8x5x40 mm	X	X					
	8034-1	Kil 8x5x60 mm/Key 8x5x60 mm	X	X					
49	5210	Bromsnav 25 mm/6/Brake hub 25 mm/6				X	X	84	
	5210-1	Bromsnav 25 mm/8/Brake hub 25 mm/8		X				84	
	5211	Bromsnav 30 mm/6/Brake hub 30 mm/6				X	X	84	
	5212	Bromsnav 30 mm/8/Brake hub 30 mm/8		X			X	84	
	5213	Bromsnav 35 mm/6/Brake hub 35 mm/6					X	84	

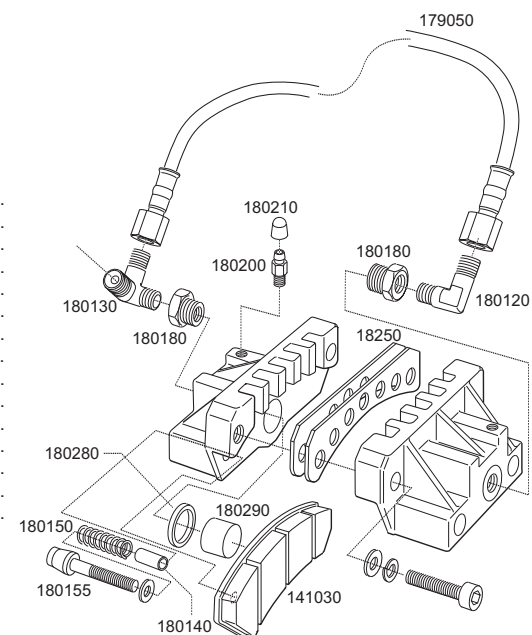
Pos	Art nr Partno	Namn Name	CRG	CRG Mini	Yam	Dino	Uni	Sida
	5214	Bromsnav 35 mm/8/Brake hub 35 mm/8	X				X	84
	5215	Bromsnav 40 mm/8/Brake hub 40 mm/8	X	X				84
	5217	Bromsnav VEN4/Brake hub VEN4, - 50 mm	X					
	5218	Bromsnav VEN4/Brake hub VEN4, - 40 mm	X	X				
50	5219	Adapter bromsskiva/Adapter brake disc	X	X				
51	8050	Bromsskiva VEN4/Brake disc VEN4	X	X				86
	1482	Bromsskiva DINO/Brake disc DINO				X		
	Y15001	Bromsskiva gul/Brake disc yellow			X			
	8138-1	Bromsskiva /Brake disc		X				86
	8049	Bromsskiva UP2000/Brake disc, UP2000	X					86
	8138	Bromsskiva ventilerad/Brake disc ventilated	X	X				86
52		Fälgar/Rims						78
53	1550	Ljuddämparfäste/Silencer support	X	X	X	X	X	11
54	1490	Bakaxellager, 25 mm/Rear axle bearing, 25 mm		X		X	X	93
	1492	Bakaxellager, 30 mm/Rear axle bearing, 30 mm		X		X	X	93
	1494	Bakaxellager, 35 mm/Rear axle bearing, 35 mm	X				X	93
	1493	Bakaxellager, 40 mm/Rear axle bearing, 40 mm	X	X	X	X	X	93
	1491	Bakaxellager, 50 mm/Rear axle bearing, 50 mm	X					93
55	8142-1	Lagerhållare, par/Bearing support, pair - 30 mm		X				93
	8142-4	Lagerhållare 30 mm/Bearing support 30 mm	X	X				93
	8142	Lagerhållare 40 mm/Bearing support 40 mm	X	X				93
	1488	Lagerhållare, stål/Bearing support, steel – 25 mm				X	X	93
	1489	Lagerhållare, stål/Bearing support, steel – 30 mm			X	X		93
	8142-3	Lagerhållare /Bearing support, ' 03>, 40 mm	X					93
	8142-5	Lagerhållare /Bearing support, ' 03>, 50 mm	X					93
56		Stol/Seat	X	X	X	X	X	62

Y178000	Master cylinder
Y178131	Lever master cylinder
Y178150	Pressure pin
Y178160	Gasket
Y178180	Piston master cylinder
Y178200	Spring
Y178210	Dust guard
Y178220	Connection straight
Y178260	Circlip
Y178300	Top
Y178310	Cap
Y178320	Gasket, cap
Y178330	O-ring oiltank
Y178360	O-ring, piston
Y178400	Screw for lever
Y178410	Bushin
Y178420	Lock spring

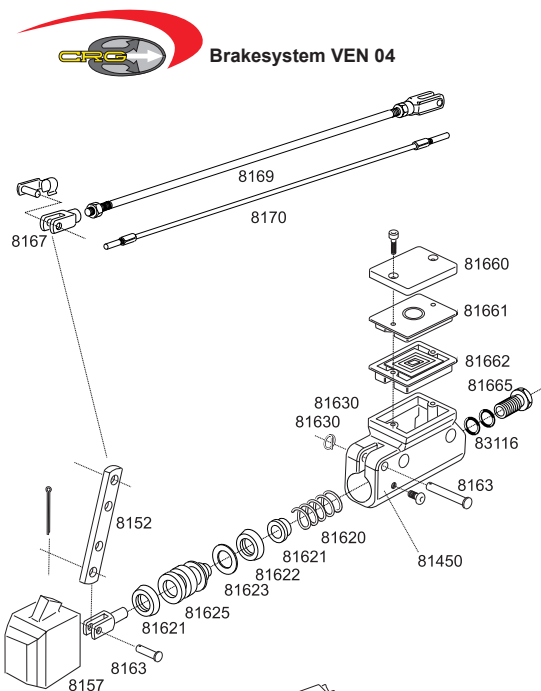
YAMAHA Brakesystem



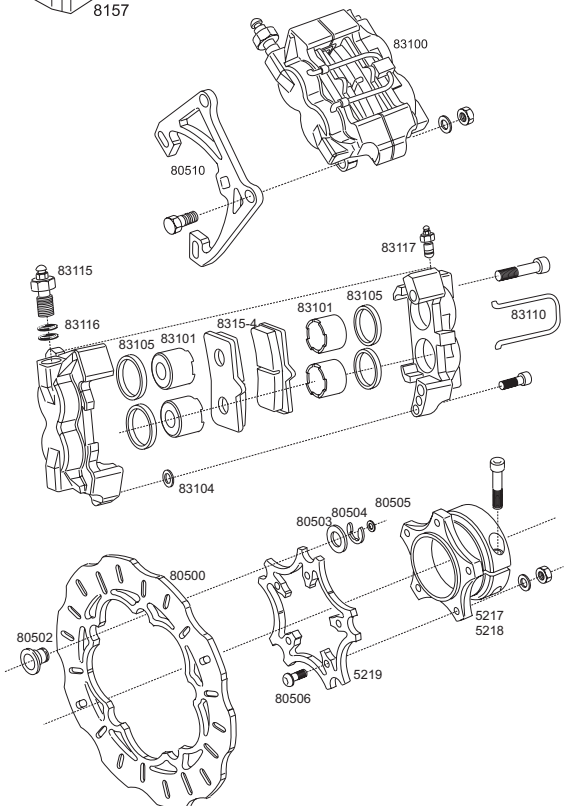
Y141030	Brakepad set Gold
Y179050	Brake tube complete
Y180010	Brake caliper
Y180120	Connection angle
Y180130	Connection 3-way
Y180140	Spacer for screw
Y180150	Spring
Y180155	Screw brakepad Hightech
Y180180	Reducer connection
Y180200	Airscrew
Y180210	Cap for airscrew
Y180280	Gasket brake caliper
Y180290	Kolv brake caliper
Y18250	Schims 1,5 mm
Y18251	Schims 2,5 mm



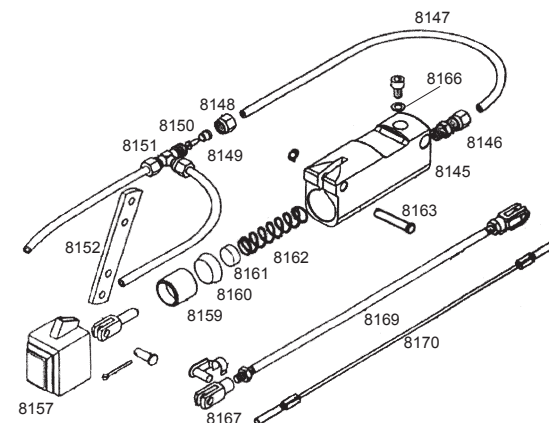
- 8157 Dust guard.....
- 8163 Pin.....
- 8167 Link head.....
- 8169 Brake column.....
- 8170 Security wire, CRG brake.....
- 81660 Cover.....
- 81661 Cover gasket.....
- 81662 Tank gasket.....
- 81665 Hose connection.....
- 83116 Cu. Washer- ven04.....
- 81630 Elastic pin, 8mm.....
- 81620 Spring.....
- 81621 Spring tap.....
- 81622 Gasket.....
- 81623 Washer M22.....
- 81625 Piston master cylinder.....



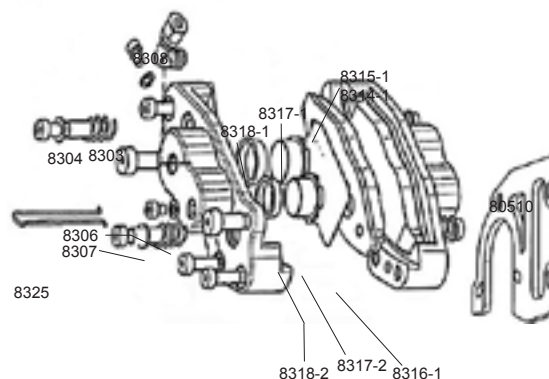
- 5217 Brake hub VEN04 50 mm.....
- 5218 Brake hub VEN04 40 mm.....
- 5219 Adapter brake disc, VEN04.....
- 8050 Brake disc VEN04.....
- 80502 Floating screw VEN04.....
- 80503 Washer VEN04.....
- 80504 Elastic ring VEN04.....
- 80505 Elastic pin 10mm.....
- 80506 Round headed bolt 6x20.....
- 80510 Support for brake caliper VEN04.....
- 83100 Brake caliper complete VEN04.....
- 83101 Piston, calipper VEN04.....
- 83104 O-ring, calipper VEN04.....
- 83105 Gasket, calipper VEN04.....
- 83110 Security pin VEN04.....
- 83115 Hose connection VEN04.....
- 83116 Cu. Washer 2000-up - VEN04.....
- 83117 Bleeding valve VEN04.....



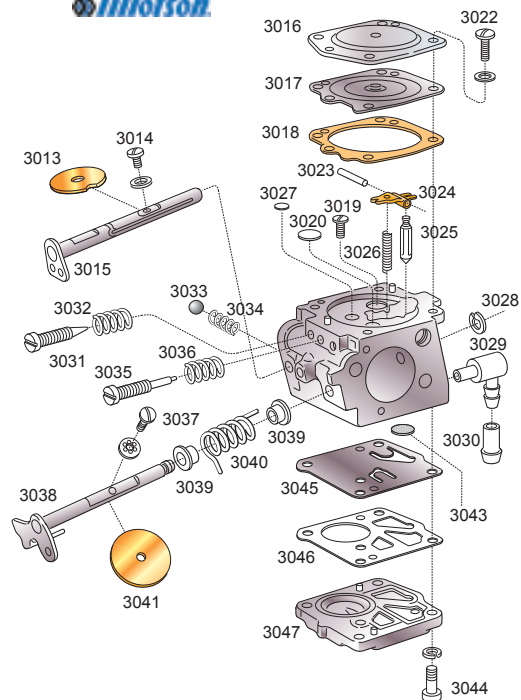
Brakesystem VEN 99



- 8145 Master cylinder complete.....
- 8146 Brake tube connector.....
- 8147 Brake tube.....
- 8148 Conical nut.....
- 8149 External ogive.....
- 8150 Internal ogive.....
- 8151 T-connection.....
- 8152 Lever.....
- 8157 Dust guard.....
- 8158 Circlip.....
- 8159 Piston.....
- 8160 Gasket 7/8".....
- 8161 Plate.....
- 8162 Spring.....
- 8163 Pin.....
- 8166 Gasket, fiber.....
- 8167 Link.....
- 8169 Connection pin (specify length).....
- 8170 Security cable.....



- 80510 Support for brake caliper.....
- 8303 Spring.....
- 8304 Spacer.....
- 8306 Gasket.....
- 8307 Screw.....
- 8308 Hose connection.....
- 8315-1 Brake pads hard (2 pc).....
- 8316-1 Schims.....
- 8317-1 Piston upper.....
- 8317-2 Piston lower.....
- 8318-1 Gasket 7/8".....
- 8318-2 Gasket 3/4".....
- 8325 Spring.....



Throttle cable

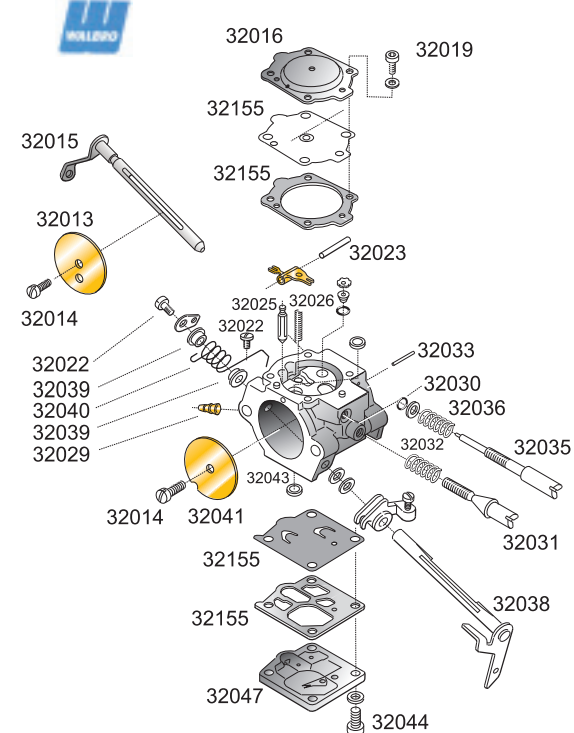
3083	Raket 60/85/120.....
5093	Universal
Bowden cable	
5094	Universal



Diaphragm kit for Tillotson HS carburettors

3155.....

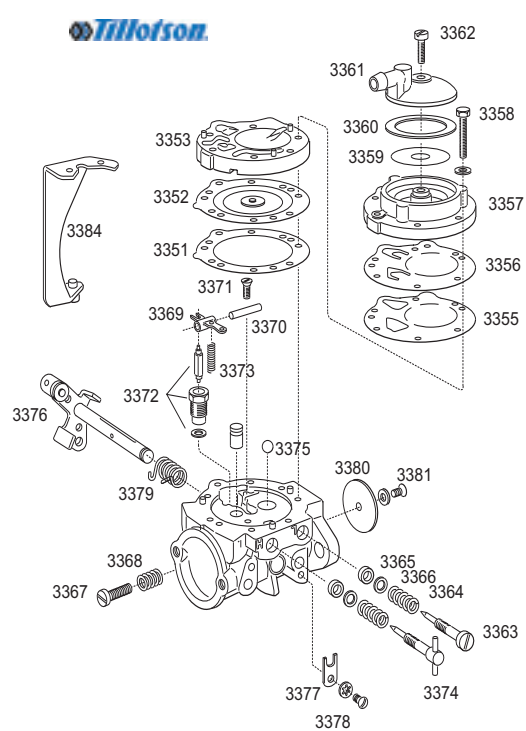
3013	Plate
3014	Screw
3015	Choke axle
3016	Cap
3017	Main diaphragm
3018	Gasket
3019	Screw
3020	Expansion cap
3022	Screw
3023	Axle
3024	Lever
3025	Valve
3026	Spring
3027	Expansion cap
3028	Circlip
3029	Fuel elbow
3030	Tube fitting
3031	High speed mixture screw
3032	Spring
3033	Ball
3034	Spring
3035	Low speed mixture screw
3036	Spring
3037	Screw
3038	Throttle shaft
3039	Bushing
3040	Spring
3041	Control plate
3042	Filter small
3043	Filter
3044	Screw
3045	Diaphragm Std
3045-1	Diaphragm plastic
3045-2	Pumpmembran Teflon
3046	Gasket
3047	Pump cover



Diaphragm kit Walbro

32155 Walbro for Raket 120	150.00
Y34401 Walbro for Yamaha.....	95.00

3351	Fuel pump gasket.....
3352	Fuel pump diaphragm Tillotson
3353	Fuel pump cover
3355	Metering diaphragm gasket.....
3356	Metering diaphragm
3357	Metering cover
3358	Metering cover screw.....
3359	Fuel pump inlet screen.....
3360	Cork gasket.....
3361	Fuel pump cover with inlet
3362	Screw
3363	Low speed mixture needle
3364	Low speed mixture needle spring
3365	Sealing gasket.....
3366	Washer
3367	Screw
3368	Spring.....
3369	Fuel inlet control lever.....
3370	Fuel inlet fulcrum pin
3371	Fuel inlet pin retaining screw.....
3372	Needle valve kit standard
3373	Fuel inlet tension spring
3374	High speed mixture needle
3375	Ball needle
3376	Throttle shaft & lever
3377	Throttle clip.....
3378	Screw
3379	Throttle return spring.....
3380	Throttle shutter HL.....
3381	Screw
3382	Diaphragm kit standard.....
3384	Throttle cable support universal.....



This is a standard drawing for carburettors, details can be different from the drawing.

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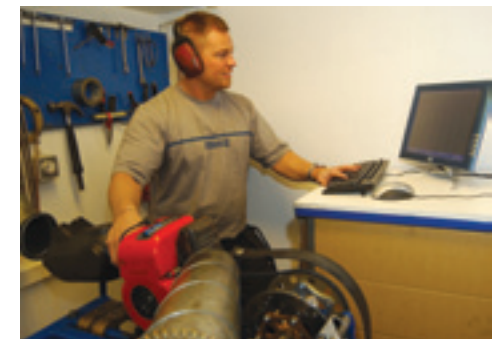
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RAKET Service

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new at the track...?

Congratulations, you have decided to become a successful kart driver. You have purchased kart and helmet. You have convinced the family to swap the comfortable family sedan against a van with a complete kart workshop in the back. You have taken your drivers license and you have noted in your calendar all kart races, both national and international. In short – you are ready.

Is there anything that can prevent you from sweeping the tracks with your competitors and take home all the prizes there are to be won? Sorry to say – Yes. There are many kart drivers. But really good ones are more scarce. And still I can say that all drivers have the same possibilities, it is only so that some drivers don't take the advantage of existing possibilities. There is a blind faith in drivers talent and above all in "factory prepared" equipment which can make winners of even average drivers.

Does this sound complicated? Not at all! You cannot buy a place at the rostrum. Everything I said in the introduction are just prerequisites for success, but the rest of the conditions sit within yourself and to some part in your mechanic. I have tried to summarize in a few rules my experience from more than forty years of karting. If you can turn my experience into practice, then you will succeed and win.

There are many different classes in karting, but I turn myself especially to those who compete in classes with many new drivers, and especially to the Junior classes. But I hope that my advices also have a more general

validity, so they can be used also in classes like Rotax.

Ask the one who knows.

I take it that you have joined a karting club and that the club has meetings and practice meetings. You should attend as many meetings, events and practice meetings as you possibly can. And at every opportunity you shall ASK and ASK and ASK. The other members of your club have an abundance of knowledge and experience about karting, but don't expect that they shall come and share it with you unless you ask. But if you ask you will find that most other drivers are happy to share their experience. When you have listened you shall combine the advices that you have got with your own good judgement. There are always a lot of people at the tracks who have their very special apprehension about the best way to drive or tune an engine. If you find a piece of advice peculiar, then you shall think twice before you apply it.

Practice QUALITY, not QUANTITY

There are driver who brag about how many hundred laps they have driven around the track on the practice days. Lap after lap. Sure, it can give a feeling of security and good lap times for this particular

track. But just to grind around

one track doesn't make you well prepared for driving on other tracks.

The best way to use your practice time on your home track is to experiment as much as possible. What will happen if you change the pressure in the front tyres, if you change the track width front and aft, the length of

the exhaust hose or the setting of the carburettor? You and your mechanic must take very good notes about how all changes affect your lap times. Drive three or four laps, then into the pits and make ONE change and then out again for another session of three or four laps. And you shall measure the lap time for EVERY lap you make. The average time before and after a change will indicate the effect you have for that particular change. Note down on paper what you notice. You know that rally drivers have their notes. I think that the logbook of a kart driver is as valuable as the notebook of the rally driver. The aim is that when you come to new track and you find that your lap times are not good enough, then you will be able to make a number of SYSTEMATIC changes. If you have prepared yourself during your practice meetings at your home track, then you will be able to quickly find the setting for your kart and engine which will make it possible for you to compete up front.

There are drivers who think that karting is something you make on intuition. Wrong, karting is something you do with what you have inside your head!

Karting is one form of athletics.

You have seen on TV that the hero is out partying all night and goes directly to the track to win the race. This only happens on TV. If you want to be a winner in karting you must work with yourself, physically and mentally, just as much as any other male or female athlete. I hope that your kart club has a training program for drivers. And I don't mean the free practice on the track, but a training program that will help you to become a physically and mentally stronger and better driver. If your club doesn't offer such activities, then I would recommend you to swap club, or to join a club with an activity which will offer such training. Perhaps a combination of tennis and karting in the summer and ice hockey in the winter could be what you need.

Your kart

Most young drivers think that it depends only on the engine if you win or fail. "If I only had a factory engine like Steve or Kate, then I could also win!" But, a more mature driver knows that success depends on:

- Yourself to 40 per cent
- Your kart to 40 per cent
- Your engine to 20 per cent

Here is a short summary of the most important facts that you must know about how to set your kart. This is something you must know how to do for every type of track and every type of weather.

Road handling

If a kart skids more with the rear wheels than with the front wheels, we call it over steering. The opposite is under steering. The experience tells that there are five factors which influence road handling.

1. Track width front and aft.

Wide track in the front and narrow back gives over steering. When you have learned to drive without skidding, then you will find that a narrow track width both front and aft gives the best lap times. This is in particular true on a winding track

and when it is dry.

2. The position of the driver's seat.

You influence the centre of gravity by positioning the drivers seat more to the front or more to the aft. You must try all different positions for the seat, both in height and in front/back position. A low position will give tendencies for skidding, a higher position will make the kart roll over more easily. If the seat is too far back the kart will over steer. A good start is to have 40 per cent of the weight on the front tyres when the kart is in full racing conditions and you are seated in the kart fully equipped with overall and helmet.

3. The rigidity and warpedness of the kart frame

The basic rule is that without load on the kart all four wheels must have contact with plane ground. If the frame has become warped after

you have been off the track you must take help to get it straight again. It is also important that the frame is not too weak. If you have bought a used frame it is possible that it has become weaker by the years, in which case it could help if you increase the rigidity. Ask the one in



the club who is the master of chassis; he can help you with some good advice.

Lately the rigidity of the rear shaft has also become a factor of major influence on road handling, especially for the heavier classes. A rigid rear shaft, often called a hard rear shaft, can give the rear tyres better grip. But it can also influence the steering in a negative way. A weaker rear shaft, often in combination with soft rear tyres, can give super adhesion for the front wheels, but the price to pay is often that the rear end of the kart will skid.

4. Tyre air pressure.

A kart tyre must become warm during a race, otherwise it will not give the correct grip. If you have equipment to measure the tyre surface temperature, it shall be around 65 degrees. There are recommendations for tyre pressure as well, but the way you drive will influence the temperature, so here you have to try and test. It is normal to have higher air pressure in the rear tyres than in the front ones. For the Junior classes you can start with 1.0 kp/cm² both front rear. Notice that with higher pressure you will wear out your tyres more quickly, so be careful with pressure over 1.0 kp/cm². Try to reduce the pressure by 0.1 kp/cm² at the time and check the influence on your lap times.

Rain tyres, often also called "wet tyres", require special consideration. To get a good grip on a wet track in rain you should try with a pressure of 2.0 kp/cm². When



the rain is gone but the track is still wet, it is advisable to reduce pressure to 1.7 to 1.8 kp/cm². An especially tricky situation is when one part of the track is dry and another is still wet. My recommendation is to keep the rain tyres on, but reduce pressure to 1.5 – 1.7 kp/cm².

5. Front wheel alignment.

In earlier days there was not much you could do with the front wheel alignment, but this has changed. Today you can set toe-in, camber and caster. Let's take it from the beginning.

Toe-in means how much the front wheels are ploughing. Toe-in is the difference between the distances between the middle points of the front tyres when you measure at the foremost point and the aft most point. From a theoretical point of view zero (0) mm toe-in would be ideal, because it gives the lowest value for rolling resistance. However, this setting normally results in an unstable kart. I have found that 1 to 2 mm toe-in makes the steering more stable without too negative influence on the rolling resistance.



The caster angle tells how much the king-pin is slanting if you look at the kart directly from the side. On modern karts you can set the caster. You should try a rather big positive caster, something in the interval between 5 and 15 degrees. It is true that this makes turning a little harder, but the advantage is that you increase the pressure of the front tyres to the

ground and hence the grip when you turn. This can be of outmost importance on a rainy day.

Finally, the camber angle measures how much the tyre is slanting in or out when you look at the kart straight from the front. Some karts allow that you can adjust the camber, but my feeling is that camber = 0 is the most common.

OK, how do you know when you have succeeded with your front wheel adjustments? Well, when you feel that the kart goes where you want it to go, you have probably succeeded. You can also check that the inner front wheel is one or two centimetres off the ground when you turn. When you have bought a new kart you may be forced to drive a few hundred laps around your home track before you have found the adjustment of the front end of your kart that suits you best. And, because you have taken notes of all adjustments you have made, you can quickly adapt your kart to a new track, if needed.

The engine

For the Junior and Rotax classes the regulation is simple – NO tuning is allowed. Here is only one rule to remember; you must learn to disassemble your engine, check all parts and learn how they should look like to be OK. Your engine is normally a little wonder of reliability, but nobody has won a race with a faulty spark plug or leaking sealing rings for the crankshaft. But this is something that you will learn when you attend a mechanic course at your kart club.

At a new track.

When you come to a new track you will benefit from all the experiments you have done at your home track. On a new track you MUST be able to make the correct adjustments:

- The gearing, i.e. number of teeth of the rear sprocket
- The carburettor
- The exhaust system

1. Gearing.

To make the correct gearing, i.e. to select the correct number of teeth of the rear sprocket, is a difficult art. But as you have practiced gearing and made notes, you now take your little black book and look up how different gearing will influence your lap times and how the kart behaves at different sections of the track. There are no "standard values" that I can recommend, your driving style and many other factors influence what is best for you. But a tendency lately has been to use smaller rear sprockets, i.e. sprockets with fewer teeth. It gives higher



speeds down the straight parts of the track, but you lose power in the curves. So this is an advice that you should follow first when you feel you master the curve technique.

2. The carburettor.

If there is one single factor with greater importance than all others, it must be the adjustment of the carburettor. There should be an instruction manual for your engine which tells you how to set and maintain your carburettor. I recommend you to read all about your particular carburettor. It is good and very useful reading both for driver and mechanic. You should also attend a mechanic course and learn how to disassemble the carburettor, clean it, put it together again and check that it is tight.

This is the best investment in time that you can make. Almost all carburettors are good, only very few are more difficult to service and set. But no carburettor is better than the service and care it receives. On a mechanic course you will learn how to check the tightness of the carburettor and how to set the best opening and closing pressure of the fuel valve. You will also learn how important it is to frequently exchange parts which become worn, for instance the throttle shaft. If air can leak between shaft and carburettor housing, it may be impossible to make correct adjustments.

The basic setting is 1 turn open for the Low speed needle (L) and 1.25 turns for the High speed needle (H). If you adjust the High speed needle for leaner mixture, your engine will reach higher rpm on the straights, but will lose power at lower rpm. This is something you cannot compensate for with the Low speed needle, so you will have to make compromises for the High speed needle adjustment all the time. The very best setting is when the engine starts to "four-stroke", i.e. stops to

accelerate, just at the end of the longest straight part of the track. An important hint: check not only lap times for full laps, also check times for low speed and high speed parts of the track and how they are influenced by different carburettor settings.

3. The exhaust system.

There are two types of exhaust systems: one is completely rigid and one incorporates a flexible hose. Regardless of which system you have, it is important to know how the condition of your muffler can influence the power of your engine.

If you have a Raket 85 engine, you should first check

that the length of the flexible hose is approximately 65 cm. This length is not critical, but should not deviate more than 10 cm from the standard length. It is also important to check the hose is tight and not leaking, both the hose itself and the connections to engine and muffler.

All modern exhaust systems incorporate a catalytic converter. The purpose of the converter is to reduce the amount of harmful emissions from the engine. You should regularly check that the catalytic converter is in



good working condition. Not all drivers are aware of the fact that a converter that has been damaged, e.g. has been soaked with oil, also will affect the output of the engine. If you have done all the normal preparations, tuned the carburettor, tried different gearings, but you still lack that extra power, then you should suspect the exhaust system and especially the catalytic converter. I recommend you to borrow a new muffler, and if you notice better lap times, then you know that the catalytic converter is the villain.

The exhaust system of a Rotax engines has an end muffler which contains an absorbing filling. If the filling is not in place but has come loose in the muffler, this can reduce both power and the maximum rpm, even if you don't notice any difference in noise. Borrow a new end muffler and check you lap times.

Driving technique.

There are drivers who turn their racing into a big show. They run on two wheels in some bends and with half the kart outside the curbs on other parts of the track. They skid through the curves and they use of the full width of the track. This can be amusing to observe.

But my advice to you as a beginner is to try just the opposite. Try to find a smooth driving style. Find a way to drive where you and the kart are in agreement so you don't need any tricks to stay on the track. I give you this advice, because when you master a smooth driving technique; when you can drive lap after lap in almost the same track, then you have the best starting position

for experiments with your driving technique. The reason is that you can always go back to the smoother style as a reference. Another reason is that driving a race of twenty laps is a hard job and you will need all your power and stamina for a long final race, I tell you. There are very successful drivers who never used foul driving to win. Let me remind you of Ronnie Peterson who drove like he was sitting in his best armchair at home reading a magazine. It did not look like he was driving fast, but the lap times showed something remarkable.

Good luck!

Luck? Do I need luck as well?

Yes all sportsmen and sportswomen must have a certain portion of luck as well. You must for instance have luck in selecting all the different factors which influence the end result. I have listed rather many factors, but there are even more. For instance, the type and amount of oil in the fuel, what chassis you use, what engine and tyres you have. There are really very many factors which must cooperate to make a perfect day. You can never say that for this track and for this weather condition this is the only winning combination. At the end it is the ability of the driver behind the steering wheel and the mechanic who tightens the spark plug that will decide who will stand at the top of the rostrum.

And this is what makes karting so fascinating. You can never tell who is going to win. On the other hand you can say that the one who has not taken care of the possibilities to have the best conditions, he or she will never reach the rostrum.

So, good luck and have fun.

Leif Radne

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